

Stationary Combustion Turbines NESHAP  
Docket No. A-95-51  
Category II-A  
EPA Studies or Contractor Reports

| <u>Document Number</u> | <u>Date Rcvd in Docket</u> | <u>Commentor, Addressee, Title or Description, etc.</u>  | <u>Date of Document</u> |
|------------------------|----------------------------|--|-------------------------|
| II-A-1                 |                            | Emissions Assessment Of Conventional Stationary Combustion Systems; Volume II. Internal Combustion Sources. Prepared For: USEPA, Office of Research and Development, Washington, DC. Prepared By: C.C. Shih, J.W. Hamersma, D.G. Ackerman, R.G. Beimer, M.L. Kraft, and M.M. Yamada, TRW, Inc., Redondo Beach, California. Report Number: EPA-600/7-79-029c. | 2/79                    |
| II-A-2                 |                            | Final Draft, QA/QC Protocol, Version 2.0: Applying DQCs and DQA to MACT Standard Setting Decisions for CT and RICE. EPA Contract: 68D40091. Work Assignment# 96-09. RTI Task 91U-6342-109. Prepared for: EMC, RTP, NC. Prepared by: RTI, RTP, NC.  | 9/30/96                 |

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Docket No. OAR-2002-0060  
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| II-A-3                 |                            | Standards Support and Environmental Impact Statement. Volume 1: Proposed Standards of Performance for Stationary Gas Turbines. Prepared by: OAWM, OAQPS, EPA, RTP, NC. Document No. EPA-450/2-77-017a.   | 9/77                    |
| II-A-4                 |                            | OAQPS Economic Analysis Resource Document. Prepared by: EPA:ISEG.  | 4/99                    |
| II-A-5                 |                            | EPA Office of Compliance Sector Notebook Project: Profile of the Oil and Gas Extraction Industry. Prepared by: Office of Compliance, OECA, EPA, Washington, DC. Document No. EPA/310-R-99-006.   | 10/99                   |
| II-A-6                 |                            | Economic Impact Analysis of the Proposed Stationary CT NESHAP. Final Report. Prepared for: J.L. Sorrels, EPA:ISEG, RTP, NC. Prepared by: M. Gallaher, A. O'Connor, and B. Depro, RTI, RTP, NC. EPA Contract No. 68-D-99-024. RTI Project No. 7647-004.385. | 11/02                   |

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EPA Factual Memoranda

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| II-B-1                 |                            | R. Howle and S. Anand, AGTI to CT NESHAP Project File. Review of CARB's Air Toxics Emission Data System Database -- CT.   | 9/29/95                 |
| II-B-2                 |                            | A. Refik, AGTI to CT NESHAP and NSPS Project File. Memoranda. Identification of HAP Emissions Data for CT.  | 10/4/95                 |
| II-B-3                 |                            | A. Refik, AGTI to R. Huntley, EPA:EMAD. Facsimile. Requesting list of references from AP-42 and FIRE database.  | 10/5/95                 |
| II-B-4                 |                            | D. Bell, EPA:ESD to B. Lamason and C. Oldham, EPA:EMC. Review of HAP Emission Test Data for RICE and CT.  | 2/21/96                 |
| II-B-5                 |                            | J. Camp and B. Richani AGTI to ICCR Project File. Memorandum. Questions Presented and Answered During the August 1, 1996 ICCR Satellite Broadcast and the July 24, 1996, Public Meeting.                            | 9/10/96                 |
| II-B-6                 |                            | B. Richani, J. Snyder, and J. Camp, AGTI to RICE and CT NESHAP and NSPS Project Files. Memorandum. Summary of Submitted Comments on the Proposed Criteria and HAP Emission Test Methods for Stationary RICE and CT. | 9/27/96                 |
| II-B-7                 |                            | J. Camp, AGTI to CT and RICE NESHAP Project Files. Assessment of Emissions Data Presented in GRI Report GRI-96/0009.2.  | 12/13/96                |
| II-B-8                 |                            | J. Snyder, AGTI to CT NESHAP and NSPS Project Files. Memorandum. Catalytica and GE's Test Combustion System.  | 4/16/97                 |

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| II-B-9                 |                            | D. Herndon, AGTI, to S. Roy, EPA:ESD. Memorandum. Formaldehyde Results for CT No. 42 at the SCE Coolwater Generating Station. | 2/2/98                  |
| II-B-10                |                            | K. Leach, AGTI, to S. Roy, EPA:ESD. Memorandum. Refinements to the EPA Inventory Database for Stationary CTs.                 | 2/22/99                 |
| II-B-11                |                            | K. Leach, AGTI, to S. Roy, EPA:ESD. Memorandum. Stationary CTs Emissions Database.  | 2/22/99                 |
| II-B-12                |                            | K. Leach, AGTI, to S. Roy, EPA:ESD. Memorandum. Summary of CO Catalyst Information-Gathering Phone Calls.                     | 3/22/99                 |
| II-B-13                |                            | K. Leach, AGTI, to S. Roy, EPA:ESD. Memorandum. Stationary CTs Model Turbine Development.                                     | 5/14/99                 |
| II-B-14                |                            | K Leach, AGTI, to S. Roy, EPA:ESD. Memorandum. Stationary CTs Control Options Cost Information Summary.                       | 5/14/99                 |

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| II-B-15                |                            | S. McKee, J. Snyder, and B. Richani, AGTI to S. Roy, EPA:ESD. Memorandum. Proposed Definitions for Stationary CT.   | 1/6/00                  |
| II-B-16                |                            | M. Taylor, AGTI to S. Roy, EPA:ESD. Memorandum. Oxidation Catalysts.  | 5/19/00                 |
| II-B-17                |                            | K. Leach, M. Taylor, and J. Snyder, AGTI to S. Roy, EPA:ESD. Memorandum. Comparison of CO Oxidation Catalysts with the SCONOx™ System.  | 5/22/00                 |
| II-B-18                |                            | L. Sorrels, EPA:ISEG to S. Roy, EPA:ESD. Unfunded Mandates Reform Act Analysis for the Proposed CT NESHAP Rulemaking Under the CAA.   | 6/29/00                 |
| II-B-19                |                            | J. Snyder, AGTI to S. Roy, EPA:ESD. Memorandum. Latest Versions of CT Population Database and Emissions Database.<br><br>Attachments:<br><br>a) Population Database entitled SSLOF2v4.mdb on CD<br><br>b) Emissions Database entitled ttestsv5_00.mdb on CD | 7/20/00                 |
| II-B-20                |                            | W. Lamason, EPA:EMC, to R. Wayland, EPA:ESD. Memorandum. Voluntary Consensus Standard Results for the Turbine NESHAP Proposed Rule.   | 9/6/00                  |

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| II-B-21                |                            | <p>S. Roy, EPA:ESD, to Air and Radiation Docket and Information Center. Memorandum. Projections of New CT for 5 Years After Proposal of the CT MACT.</p> <p>Attachments:</p> <ol style="list-style-type: none"> <li>1. EPA Regional Office CT Permit Summary (7/2000).</li> <li>2. Catalyst Vendor Estimate of Catalyst Systems Installation.</li> </ol> | 9/22/00                 |
| II-B-22                |                            | L. Sorrels, EPA:ISEG to S. Roy, EPA:ESD. Memorandum. Small Entity Impact Analysis Results Comparison for Proposed CT NESHAP.   | 11/28/00                |
| II-B-23                |                            | J. Snyder, AGTI to S. Roy, EPA:ESD. Memorandum. Comparison of Emissions from Different Fuels for RICE and CT on a Mass per Heat Unit Basis.  | 3/27/01                 |
| II-B-24                |                            | S. Roy, EPA:ESD to Docket No. A-95-51. Memorandum. Oxidation Catalyst Costs for New Stationary CT.   | 9/27/01                 |
| II-B-25                |                            | C. Oldham, EPA:EMC, to R. Wayland, EPA:ESD. Formaldehyde Data from Stationary Gas Turbines.  | 11/08/01                |
| II-B-26                |                            | J. Snyder and T. Ali, AGTI to S. Roy, EPA:ESD. Memorandum. Stationary CT Emissions Database Version 5.   | 1/21/02                 |
| II-B-27                |                            | S. Roy, EPA:ESD to Docket No. A-95-51. Memorandum. Hazardous Air Pollutant (HAP) Emission Control Technology for New Stationary CT.  | 4/03/02                 |

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| II-B-28                |                            | M. Taylor and J. Snyder, AGTI to S. Roy, EPA:ESD. Memorandum. Rationale for Development of Subcategories for Stationary CT. | 5/14/02                 |
| II-B-29                |                            | S. Roy, EPA:ESD to Docket No. A-95-51. Memorandum. Environmental Impacts of the Proposed CT MACT.                           | 8/7/02                  |
| II-B-30                |                            | M. Taylor, AGTI to S. Roy, EPA:ESD. Memorandum. Cost Per Ton of Above-the-Floor MACT Options for Existing Stationary CT.    | 8/9/02                  |
| II-B-31                |                            | M. Taylor and J. Snyder, AGTI to S. Roy, EPA:ESD. Memorandum. Rationale for Development of MACT for Stationary CT.          | 8/9/02                  |
| II-B-32                |                            | J. Snyder, AGTI to S. Roy, EPA:ESD. Memorandum. Compliance for Stationary CT Equipped with SCR.                             | 10/2/02                 |
| II-B-33                |                            | M. Taylor, AGTI to S. Roy, EPA:ESD. Memorandum. Cost Impacts Associated with Stationary CT MACT.                            | 10/16/02                |
| II-B-34                |                            | M. Taylor, AGTI to S. Roy, EPA:ESD. Memorandum. HAP Emission Factors for Stationary CT.                                     | 10/23/02                |
| II-B-35                |                            | J. Snyder, AGTI, to S. Roy, EPA:ESD. Memorandum. Lean Pre-mix Turbine Test Reports.   | 10/31/02                |
| II-B-36                |                            | J. Snyder, AGTI, to S. Roy, EPA:ESD. Memorandum. Lean Premix CT with CO Catalysts.  | 11/12/02                |

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| II-C-1                 |                            | B. Richani, AGTI to D. Craft, Monterey Bay Unified APCD. Letter. Availability of Source Test Data on HAP Emissions for RICE and CT from Facilities in Monterey Bay District.             | 10/17/95                |
| II-C-2                 |                            | A. Refik, AGTI to J. DeGuzman, Sacramento AQMD. Letter. Availability of Source Test Data on HAP Emissions for RICE and CT from Facilities in Sacramento District                         | 10/17/95                |
| II-C-3                 |                            | A. Refik, AGTI to J. Lathrop, San Joaquin Valley Unified APCD. Letter. Availability of Source Test Data on HAP Emissions for RICE and CT from Facilities in San Joaquin Valley District. | 10/17/95                |
| II-C-4                 |                            | A. Refik, AGTI to D. Smith, YoloSolono AQMD. Letter. Availability of Source Test Data on HAP Emissions for RICE and CT from Facilities in YoloSolono District.                           | 10/17/95                |
| II-C-5                 |                            | B. Richani, AGTI to T. Thomas, Ventura County APCD. Letter. Availability of Source Test Data on HAP Emissions for RICE and CT from Facilities in Ventura County District.                | 10/17/95                |
| II-C-6                 |                            | B. Richani, AGTI to B. Nishimura, Bay Area AQMD. Letter. Availability of Source Test Data on HAP Emissions from Facilities in Bay Area District.   | 10/18/95                |
| II-C-7                 |                            | B. Richani, AGTI to J. Petrini, Santa Barbara County APCD. Letter. Availability of Source Test Data on HAP Emissions from Facilities in Santa Barbara County District.                   | 10/18/95                |
| II-C-8                 |                            | B. Richani, AGTI to B. Lee, Northern Sonoma APCD. Letter. Availability of Source Test Data on HAP Emissions for RICE and CT for the Northern Sonoma District.                            | 10/24/95                |



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| II-C-9                 |                            | A. Refik, AGTI to S. Arita, Western States Petroleum Association. Letter. Availability of Source Tests for HAP Emissions for RICE and CT Sponsored by Western States Petroleum Association. | 10/26/95                |
| II-C-10                |                            | A. Refik, AGTI to G. Snodgrass, ARCO Alaska, Inc. Letter. Availability of Source Tests for HAP and for Criteria Pollutant Emissions for RICE and CT.  | 11/1/95                 |
| II-C-11                |                            | B. Richani, AGTI to M. Feldstein, Bay Area AQMD. Letter. Requesting Source Test Data on HAP Emissions from RICE and CT for the Bay Area.  | 11/3/95                 |
| II-C-12                |                            | B. Richani, AGTI to L Stookey, Southwest Air Pollution Control Authority. Letter. Regarding ISO Correction Factor Documentation and Data Collection Efforts for the RICE and CT.            | 11/3/95                 |
| II-C-13                |                            | A. Refik, AGTI to E. Johnson, Stewart & Stevenson. Facsimile. Requesting Source Tests for HAP for RICE and CT Conducted by Stewart & Stevenson on the UC Berkeley Cogeneration Unit.        | 11/28/95                |
| II-C-14                |                            | B. Richani, AGTI to CT Work Group. E-Mail. Location of HAP Emissions Database for Stationary CTs on the TTN.  | 4/10/97                 |
| II-C-15                |                            | S. Roy, EPA:ESD to CT Work Group. E-Mail. Draft Agenda for May 13 and 22 Meeting and a Draft Agenda Guidance on Reviewing the EPA Population and Emissions Database.                        | 5/9/97                  |

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| II-C-16                |                            | B. Richani, AGTI, to CT Work Group. Memorandum. Missing Information Gathered for Gas Turbines HAP Test Reports.  | 12/3/97                 |
| II-C-17                |                            | S. Roy, EPA:ESD, to C. Castronovo, CARB. Letter. Confirmation of Information Received During a Telephone Conversation Regarding Test Methods for HAPs. | 4/13/98                 |
| II-C-18                |                            | S. Roy, EPA:ESD, to J. Callahan, Cal Energy Company, Inc. Letter. Summary of Telephone Conversation Regarding CO Oxidation Catalysts.                  | 11/30/98                |

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| II-C-19                |                            | J. Sorrels, EPA:ISEG to F. Post, General Electric. Letter. Regarding CBI Procedures for Projections of New Turbines.     | 3/8/00                  |
| II-C-20                |                            | J. Sorrels, EPA:ISEG to J. Wilson, SWPC. Letter. Regarding CBI Procedures for Projections of New Turbines.               | 3/8/00                  |
| II-C-21                |                            | J. Sorrels, EPA:ISEG to K. Nolen, Solar Turbines, Inc. Letter. Regarding CBI Procedures for Projections of New Turbines. | 3/8/00                  |
| II-C-22                |                            | S. Roy, EPA:ESD to B. Richani, GPPSD, Environmental and Acoustic Engineering. Letter. Regarding a requested document.    | 3/19/02                 |
| II-C-23                |                            | S. Roy, EPA:ESD to Stakeholders. E-Mail. Proposed RICE and Combustion Turbine MACTs Signed by Administrator.             | 11/27/02                |

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| II-D-1                 |                            | L. Traweek, AGA to S. Roy, EPA:ESD. Letter. Comments on NESHAP Streamlined Development: Announcement and Request for Comments; 60Fed. Reg. 16088.  | 3/29/95                 |
| II-D-2                 |                            | J. McKie, Commonwealth of Virginia, Department of Environmental Quality to A. Refik, AGTI. Facsimile. Amended Permit with Equipment Specs, Original Application Support Document, and 1995 - Amended Application Form. | 10/5/95                 |
| II-D-3                 |                            | D. Vaughan, Commonwealth of Virginia, Department of Environmental Quality to A. Refik, AGTI. Facsimile. Permit pages for Gordonsville Energy L.P. and Toxic Air Pollutant Emission Factors for Utility Site Boilers.   | 10/6/95                 |
| II-D-4                 |                            | S. Clayton, North Carolina, Duke Power to A. Refik. Facsimile. Fact Sheet on Duke Power Company, Lincoln CT Station.   | 10/6/95                 |
| II-D-5                 |                            | D. Smith, YoloSolano AQMD to A. Refik, AGTI. Source test data for River Delta Cogen. Ltd., Located in West Sacramento, CA area.  | 10/23/95                |
| II-D-6                 |                            | T. Thomas, Ventura County APCD, to B. Richani, AGTI. District's Current Emission Factors for Oil and Gas Combustion Equipment.   | 11/1/95                 |
| II-D-7                 |                            | R. McVaigh, San Joaquin Valley Unified APCD to A. Refik, AGTI. Compiling Information Regarding Source Test Data on HAP Emissions from RICE and CT.   | 11/3/95                 |

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| II-D-8                 |                            | D. Schott, Monterey Bay Unified APCD to B. Richani, AGTI. Report On Emissions Testing Of Cogeneration Engines #2 and #3 At The MRWPCA Wastewater Treatment Plant, Marina, California. Prepared By: Normandeau Associates, Inc., Richmond, California. January 29, 1993. This Report Can Be Found in Stationary Combustion Turbines, A-95-51, Number II-I-35. | 11/20/95                |
| II-D-9                 |                            | R. McVaigh, San Joaquin Valley Unified APCD to A. Refik, AGTI. HAP Emissions References.   | 11/28/95                |
| II-D-10                |                            | L. Traweek, AGA and J. McCarthy, GRI to S. Roy, EPA:ESD. Letter. Transmittal of two GRI Topical Reports Related to the RICE and CT MACT Standards Development. These Topical Reports can be found in Stationary Reciprocating Internal Combustion Engines, A-95-35, Number II-I-30.  | 5/2/96                  |
| II-D-11                |                            | J. Cassady, Pacific Gas Transmission to S. Roy, EPA:ESD. Letter. Comments On EPA's Proposed ICCR Definitions and Test Methods.   | 7/10/96                 |
| II-D-12                |                            | W. Brown, EMA to S. Roy, EPA:ESD. Letter. ICCR June 19th Correspondence.   | 7/12/96                 |
| II-D-13                |                            | J. McCarthy, GRI to S. Roy, EPA:ESD. Letter. CT Definitions and Test Methods.  | 7/19/96                 |
| II-D-14                |                            | L. Beal, Interstate Natural Gas Association of America to S. Roy and A. Agnew, EPA:ESD. Letter. CT Definitions and Test Methods. July 19, 1996.  | 7/19/96                 |

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| II-D-15                |                            | G. Adams, Sanitation Districts of Los Angeles County to S. Roy, EPA:ESD. Letter. Comments on ICCR CT Definitions.   | 8/12/96                 |
| II-D-16                |                            | I. Atay, State of New Jersey to S. Roy and A. Agnew, EPA:ESD. Letter. Development of NESHAP for CT or RICE and/or Development of NSPS for RICE or the Revision of the NSPS for CT.  | 8/14/96                 |
| II-D-17                |                            | T. Boss, Interstate Natural Gas Association of America to S. Roy, EPA:ESD. Letter. Comments on CT Definitions Distributed by EPA on June 19, 1996.  | 8/19/96                 |
| II-D-18                |                            | T. Hunt, American Petroleum Institute to A. Agnew, EPA:ESD. Letter. June 19, 1996 and July 25, 1996 Comments on CT and RICE Definitions, Test Methods, and Generic Information Collection Plans.  | 8/19/96                 |
| II-D-19                |                            | S. Arita, Western States Petroleum Association to S. Roy and A. Agnew, EPA:ESD. Facsimile. WSPA Comments on EPA's Proposed Regulation Development for CTs and RICE.   | 8/19/96                 |
| II-D-20                |                            | L. Beal, Interstate National Gas Association of America to S. Roy and A. Agnew, EPA:ESD. Letter. Comments on Test Methods for RICE and CT and the Generic Information Collection Plan for the ICCR Distributed by EPA on June 19, 1996. | 9/12/96                 |

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| II-D-21                |                            | R. A. Lott, GRI to S. Roy, EPA:ESD. Attached: Topical Report - Gas-Fired Boiler and Turbine Air Toxics Summary Report, August 1996. Prepared by: Carnot Technical Services, Tustin, CA. Prepared for: EPRI and GRI. This Report Can Be Found in Stationary Combustion Turbines A-95-51, Number II-I-48.  | 9/12/96                 |
| II-D-22                |                            | G. Adams, Sanitation Districts of Los Angeles County to S. Roy, EPA:ESD. Facsimile. SCAQMD Rule 1402 Limit of Detection Protocol. November 12, 1996.   | 11/12/96                |
| II-D-23                |                            | D. Dowdall, ICCR Small Engine Subgroup to S. Roy, EPA:ESD. Letter. Information Regarding Small IC Generating Units, enclosure 1, entitled " <i>Publicly Owned Electric Utilities: International Combustion Plants</i> ", enclosure 2 Information Regarding the Amount of Generation Produced by These Units. These Enclosures Can Be Found in Stationary Combustion Turbines, A-95-51, Number II-I-49. | 12/20/96                |
| II-D-24                |                            | J. Bueche, PowerData Group to B. Richani, AGTI. Facsimile. Summary of the Fields that could be Furnished for Gas Turbine Packages Both Mechanical and Electrical Drives.   | 4/2/97                  |
| II-D-25                |                            | C. Chang, Los Angeles Department of Water and Power to S. Roy, EPA:ESD. Letter with attached report entitled " <i>Formaldehyde, Acetaldehyde and Benzene Control Efficiency at Federal Cold Storage</i> " March 14, 1997. This Report Can Be Found in Stationary Combustion Turbines A-95-51, Number II-I-50.  | 4/14/97                 |

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| II-D-26                |                            | C. Solt, Catalytica Combustion Systems, Inc. to S. Roy, EPA:ESD. Memoranda. CO or UHC as Surrogate for HAPS Emissions. | 6/13/97                 |
| II-D-27                |                            | F. Booth, Engelhard to S. Roy, EPA:ESD. Facsimile. Engelhard Experience List CO Oxidation Catalysts on Gas Turbines.   | 11/24/97                |
| II-D-28                |                            | K. Harris, Goalline to S. Roy, EPA:ESD. Letter. SCONO <sub>x</sub> <sup>tm</sup> Cost Comparison Information.          | 6/15/98                 |



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| II-D-29                |                            | C. Castronovo, CARB to S. Roy, EPA:ESD. Letter. Follow-up of April 13, 1998. Letter Regarding ARB HAP Test Methods.                               | 5/4/98                  |
| II-D-30                |                            | B. Wernhoff, APPA to S. Roy, EPA:ESD. Letter. CTs Owned By Publicly Owned Utilities.  | 6/8/98                  |
| II-D-31                |                            | L. Flynn Coerr, Coerr Environmental Corp., to Task Group on Cost-Effectiveness for Turbines. Facsimile: Engelhard Article on Catalyst Efficiency. | 8/17/98                 |
| II-D-32                |                            | G. Adams, LACSD, to S. Roy, EPA:ESD. Memorandum. Health Risk Analysis of the ICCR CT Emissions Database.  | 8/19/98                 |

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|------------------------|----------------------------|--|-------------------------|
| II-D-33                |                            | C. Chang, LADWP, to S. Roy, EPA:ESD. Facsimile. CO Catalyst Control of Formaldehyde.   | 8/14/97                 |
| II-D-34                |                            | S. Allen, Dow Chemical, to S. Roy, EPA:ESD. Facsimile. Calculation of Power Loss from a Gas Turbine.   | 7/23/98                 |
| II-D-35                |                            | D. Henderson, AGTI, to S. Roy, EPA:ESD. Facsimile. Exxon Cost Estimates.   | 7/23/98                 |
| II-D-36                |                            | T. Guth, Sunlaw Energy Corp. to S. Roy, EPA:ESD. Letter. Performance of the SCONOx™ Catalyst on Sunlaw's Federal Plant.  | 8/4/99                  |
| II-D-37                |                            | T. McGrath, GE Energy and Environmental Research Corp., to S. Roy, EPA:ESD. Letter. Site-Specific Test Plan and Quality Assurance Project Plan for GE Gas Turbine Aldehydes Emissions Testing.<br><br>These Plans Can Be Found in Stationary CT Docket No. OAR-2002-0060, Nos. II-I-155 and 156. | 4/13/00                 |
| II-D-38                |                            | L. Whitherspoon, Solar Corp., to J. Sorrels, EPA:ISEG. Letter. New CT Projections for Years 2000 to 2005.<br><br>Note: This item is physically located in EPA's CBI files located in Research Triangle Park, NC.   | 4/18/00                 |
| II-D-39                |                            | T. Guth, Sunlaw Energy Corp. to B. Richani, AGTI. Facsimile. CEMS Outlet Data for SCONOx™ Catalyst.  | 5/3/00                  |

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|------------------------|----------------------------|--|-------------------------|
| II-D-40                |                            | C. Seabaugh, Sunlaw Energy Corp. to B. Richani, AGTI. E-mail. Inlet and Outlet CO and NOx Data for SCONOx™ Catalyst.   | 5/5/00                  |
| II-D-41                |                            | R. Finken, Delta Air Quality Services, to B. Richani, AGTI. Facsimile. Control Efficiency Testing of SCONOx™ Catalyst at Sunlaw Federal Plant.   | 5/8/00                  |
| II-D-42                |                            | R. Finken, Delta Air Quality Services, to B. Richani, AGTI. Letter with attached report entitled "Carbon Monoxide and Nitrogen Oxides Control Efficiency at Federal Cold Storage, May 4, 2000." This Report Can Be Found in Stationary CT Docket No. OAR-2002-0060, Number II-I-158. | 6/5/00                  |
| II-D-43                |                            | J. Chalfin, GE, to S. Roy, EPA:ESD. Letter. New CT Projections for Years 2000 to 2005.<br><br>Note: This item is physically located in EPA's CBI files located in Research Triangle Park, NC.  | 6/6/00                  |
| II-D-44                |                            | J. Wilson, Siemens/Westinghouse, to J. Sorrels, EPA:ISEG. Letter. New CT Projections for Years 2000 to 2005.<br><br>Note: This item is physically located in EPA's CBI files located in Research Triangle Park, NC.  | 6/9/00                  |
| II-D-45                |                            | G. Smith, API, to S. Roy, EPA:ESD. Letter. Implementation of the 112(n)(4) Language in the Engine and Turbines MACT Rules.   | 8/10/00                 |

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| II-D-46                |                            | C. Cambell, Xcel Energy, to J. Snyder, AGTI. Letter with attached report entitled:"Fort St. Vrain Station Unit No. 3 Heat Recovery Steam Generator Stack Emissions Report, January 13, 2000. This Report Can Be Found in Stationary CT Docket No. OAR-2002-0060, Number II-I-148.   | 1/29/01                 |
| II-D-47                |                            | <p>M. Bailey, Oregon Dept. of Environmental Quality, to S. Roy, EPA. Letter with attached reports entitled:</p> <p>1) Raytheon Constructors, Inc. Portland General Electric, Coyote Springs Power, November 1995,</p> <p>2) Bechtel Power Corp., Hermiston Generating Co., June 1996, Volume I, and</p> <p>3) Bechtel Power Corp., Hermiston Generating Co., June 1996, Volume II.</p> <p>These Reports Can Be Found in Stationary CT Docket No. OAR-2002-0060, Numbers II-I-108, 111, and 112, respectively.</p> | 2/21/01                 |

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|------------------------|----------------------------|--|-------------------------|
| II-D-48                |                            | <p>B. Richani, GPPSD to S. Roy, EPA:ESD. Letter. HAPs Emissions Testing from GE's 7241 DLN Gas Turbines.</p> <p>Enclosures to the letter are:<br/>Aldehyde, CO and NOx Emissions Tests on GE 7FA Gas Turbines at Calpine Hidalgo Power Plant, Units 1 &amp; 2. Prepared for: GE Global Power Plant Systems Department, Schenectady, NY. Prepared by: GE Energy &amp; Environmental Research Corporation, Irvine, CA. Job No. 7611. Revision 2. July 6, 2001.</p> <p>Aldehyde, CO and NOx Emissions Tests on GE 7FA Gas Turbines at Calpine Hidalgo Power Plant, Units 1 &amp; 2. Appendices. Prepared for: GE Global Power Plant Systems Department, Schenectady, NY. Prepared by: GE Energy &amp; Environmental Research Corporation, Irvine, CA. Job No. 7611. November 21, 2000.</p> <p>Note: This item is physically located in EPA's CBI files located in Research Triangle Park, NC.</p> | 7/31/01                 |
| II-D-49                |                            | L. Witherspoon, Solar Turbines, Inc. to J. Snyder, AGTI. E-mail. Digester Gas/Landfill Gas Question.   | 8/14/01                 |
| II-D-50                |                            | F. Booth, Engelhard Corp., to S. Roy, EPA:ESD. E-mail. CO Catalyst - New Stationary Source CT, Reference: Your memo of August 21 - Docket A-95-51.   | 8/29/01                 |

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| II-D-51                |                            | F. Booth, Engelhard Corp., to J. Snyder, AGTI. E-mail. Engelhard Letter of August 29, 2001 to Sims Roy, CO Catalyst - New Stationary Source CT, Reference: Your memo of August 21 - Docket A-95-51. | 9/27/01                 |
| II-D-52                |                            | K. Hanks, RTI to Docket File. References presented in section VI.G of the proposal preamble.  | 10/7/02                 |

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|------------------------|----------------------------|--|-------------------------|
| II-E-1                 |                            | B. Richani, AGTI to J. Perczewski, NJ Bureau of Technical Services. Telecon. Test for HAP from IC and CT for NJ.   | 10/24/95                |
| II-E-2                 |                            | A. Refik, AGTI to E. Bowles, Radian Corp. Memoranda. Conference Call with Local Partners for CT NESHAP and NSPS.   | 10/30/95                |
| II-E-3                 |                            | B. Richani, AGTI to L. Stookey, Southwest Air Pollution. Telecon. Requesting four test reports which contain HAP data in the State of Washington.                  | 11/3/95                 |
| II-E-4                 |                            | B. Richani, AGTI to G. Pade, Puget Sound Air Pollution Control. Telecon. Availability of Northwest Pipeline Source Test.   | 11/7/95                 |
| II-E-5                 |                            | S. Roy, EPA:ESD to Members of State and Local Partners for CT. Memoranda. Regarding Conference Call on October 14, 1995. Highlights on Conference Call.            | 11/7/95                 |
| II-E-6                 |                            | A. Refik, AGTI to S. Arita, WSPA. Telecon. Regarding Two Pooled Tests for RICE and CT.   | 11/15/95                |
| II-E-7                 |                            | A. Refik, AGTI to S. Cohen, Records Administration, Puget Sound Air Pollution Control. Telecon. Obtaining Copies of Source Tests from North West Pipeline Company. | 11/15/95                |
| II-E-8                 |                            | A. Refik, AGTI to L. Philips, Technical Support for E&S, Chevron, Gaviota, CA. Telecon. Obtaining Test Report from the CD-ROM.                                     | 11/27/95                |
| II-E-9                 |                            | Memoranda: Summary of November 29, 1995 Meeting.   | 12/6/95                 |

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| II-E-10                |                            | Summary of ICCR Source Work Group Meeting. RICE and CT. October 2, 1996 Full Minutes.                            | 10/2/96                 |
| II-E-11                |                            | Summary of ICCR Source Work Group Meeting. Stationary CT Work Group. November 7, 1996 Full Minutes.              | 11/7/96                 |
| II-E-12                |                            | Summary of ICCR Source Work Group Meeting. Stationary CT Work Group. January 7, 1997 Full Minutes.               | 1/7/97                  |
| II-E-13                |                            | Summary of ICCR Source Work Group Meeting. Stationary CT Work Group. February 19, 1997 Flash Minutes.            | 2/19/97                 |
| II-E-14                |                            | Summary of ICCR Source Work Group Meeting. Stationary CT Work Group. March 12, 1997 Flash Minutes.               | 3/12/97                 |
| II-E-15                |                            | Summary of ICCR Source Work Group Meeting on March 18, 1997. Stationary CT Work Group. Full Minutes.             | 3/18/97                 |
| II-E-16                |                            | Summary of ICCR Source Work Group Meeting. April 23-24, 1997. Stationary CT Work Group. Full Minutes.            | 4/24/97                 |
| II-E-17                |                            | Summary of ICCR Source Work Group Meeting. Stationary CT Work Group. May 22, 1997 Full Minutes.                  | 5/22/97                 |
| II-E-18                |                            | Summary of ICCR Source Work Group Teleconference. Stationary CT Work Group. June 24, 1997 Flash Minutes.         | 6/24/97                 |
| II-E-19                |                            | Summary of ICCR Source Work Group Meeting, Long Beach, CA. Stationary CT Work Group. July 24, 1997 Full Minutes. | 7/24/97                 |



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| II-E-20                |                            | Summary of ICCR Turbine Technology Workshop, Long Beach, CA. Stationary CT Work Group. July 25, 1997 Flash Minutes.         | 7/25/97                 |
| II-E-21                |                            | Summary of ICCR Dioxin Subgroup Teleconference, August 21, 1997, 1:00 to 3:00 p.m. Stationary CT Work Group. Flash Minutes. | 8/21/97                 |
| II-E-22                |                            | Summary of ICCR Source Work Group Meeting. Durham, NC. Stationary CT Work Group. September 18, 1997 Full Minutes.           | 9/18/97                 |
| II-E-23                |                            | Summary of ICCR Source Work Group Meeting Teleconference. Stationary CT Work Group. October 29, 1997 Flash Minutes.         | 10/29/97                |
| II-E-24                |                            | Summary of ICCR Source Work Group Meeting. Stationary CT Work Group. November 20, 1997 Full Minutes.                        | 11/20/97                |
| II-E-25                |                            | Summary of ICCR Source Work Group Meeting Teleconference. Stationary CT Work Group. December 10, 1997 Flash Minutes.        | 12/10/97                |
| II-E-26                |                            | Summary of ICCR Source Work Group Meeting Teleconference. Stationary CT Work Group. January 21, 1998 Flash Minutes.         | 1/21/98                 |
| II-E-27                |                            | Summary of ICCR Source Work Group Meeting. Stationary CT Work Group. February 26, 1998 Full Minutes.                        | 2/26/98                 |
| II-E-28                |                            | Summary of ICCR Source Work Group Meeting Teleconference. Stationary CT Work Group. March 18, 1998 Flash Minutes.           | 3/18/98                 |

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|------------------------|----------------------------|---|-------------------------|
| II-E-29                |                            | Summary of ICCR Source Work Group Meeting. Stationary CT Work Group. April 30, 1998 Full Minutes. | 4/30/98                 |
| II-E-30                |                            | Summary of ICCR Source Work Group Meeting. Stationary CT Work Group. July 30, 1998 Full Minutes.  | 7/30/98                 |

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| II-E-31                |                            | J. Snyder, AGTI to G. Adams, LACSD. Telecon. Digester Gas Turbines with Oxidation Catalysts.   | 12/9/99                 |
| II-E-32                |                            | J. Snyder, AGTI to E. Wheless, LACSD. Telecon. Digester Gas Turbines with Oxidation Catalysts.   | 12/9/99                 |
| II-E-33                |                            | B. Richani, AGTI to F. Booth, Engelhard Corporation. Telecon. CO Catalysts for Gas Turbines.   | 12/13/99                |
| II-E-34                |                            | J. Snyder, AGTI to H. Van Handel, Tosco Bayway Refinery. Telecon. Landfill Gas Turbines in CT Inventory Database.                                  | 4/17/00                 |
| II-E-35                |                            | J. Snyder, AGTI to R. Rosendorn, Coastal Eagle Point Oil Co. Telecon. Landfill Gas Turbines in CT Inventory Database.                              | 4/18/00                 |
| II-E-36                |                            | B. Richani, AGTI to T. Guth, Sunlaw Energy Corp. Telecon. CO Emissions Data for the SCONOX™ System.  | 5/3/00                  |
| II-E-37                |                            | J. Snyder, AGTI to R. Waldrop, Dollarhide Gasoline Plant. Telecon. RICE in CT Inventory Database.  | 5/30/00                 |
| II-E-38                |                            | J. Snyder, AGTI to Multiple Small Businesses. Telecon. Small Businesses with Control Costs of Greater than One Percent of Sales/Revenues.          | 7/17/00                 |
| II-E-39                |                            | S. Roy, EPA:ESD, to Turbines and Engines Dockets. Memorandum. Meeting on 7/25/00 with API Regarding Section 112(n)(4) Issues for CT and RICE MACT. | 7/31/00                 |

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| II-E-40                |                            | S. Roy, EPA:ESD, to F. Booth, Engelhard Corp. Telecon. Oxidation Catalyst System for CT.   | 8/24/00                 |
| II-E-41                |                            | J. Snyder, AGTI, to F. Booth, Engelhard Corp. Telecon. Verification of Cost Information for 90% CO reduction for turbines.   | 9/27/01                 |
| II-E-42                |                            | J. Snyder, AGTI, to D. Gerspacher, Rosemont Analytical, Process Analytic Division. Telecon. Retrofit or Timeshare a CEMS.  | 4/22/02                 |
| II-E-43                |                            | J. Snyder, AGTI, to P. Kaufmann, Clean Air Engineering. Telecon. Retrofit or Timeshare a CEMS.   | 4/22/02                 |
| II-E-44                |                            | S. Roy, EPA:ESD, to B. Wayland, EPA:ESD. Memorandum. EPA Meeting with Interstate Natural Gas Association of America (INGAA) Representatives Regarding the Proposed Revisions to 112(j) of the Clean Air Act. | 1/9/03                  |

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|------------------------|----------------------------|---|-------------------------|
| II-F-1                 |                            | S. Roy, EPA:ESD to E. Haxthausen, OMB. Memorandum. Submittal of the EIA and RIA for CT MACT.<br>Attachments are located in Docket No. OAR-2002-0060 as items numbered II-A-6 and II-A-7.        | 8/10/00                 |
| II-F-2                 |                            | S. Roy, EPA:ESD. Memorandum. OMB August 8, 2000 Submittal.<br><br>Attachments:<br>1. Memo from Perciasepe to Farrell dated August 2, 2000.<br>2. Proposal preamble and regulation for CT MACT.  | 9/12/00                 |
| II-F-3                 |                            | S. Roy, EPA:ESD. Memorandum. OMB August 23,2000 Meeting and Submittal.<br><br>Attachments:<br>1. Slide presentation on the CT MACT.<br>2. Revised proposal preamble and regulation for CT MACT. | 9/12/00                 |

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| II-F-4                 |                            | <p>R. Wayland, EPA:ESD to E. Haxthausen, OMB. Letter. Additional information request from August 23, 2000 Meeting.</p> <p>Attachments:<br/>A. US EPA Permit Data Information<br/>B. Oxidation Catalyst Vendor-Supplied Information<br/>C. CO Nonattainment Area Information<br/>D. Engelhard Corporation Memo</p> <p>Technical Memoranda #1-13 were also attached. Many of these are located elsewhere in Docket No. OAR-2002-0060. Locations are given below.</p> <ol style="list-style-type: none"> <li>1. II-B-30</li> <li>2. II-K-13</li> <li>3. II-B-12 is newer version. Older one is included here.</li> <li>4. II-B-24</li> <li>5. II-B-11</li> <li>6. II-B-10 is newer version. Older one is included here.</li> <li>7. II-B-13</li> <li>8. II-B-24</li> <li>9. II-B-27</li> <li>10. II-B-15</li> <li>11. II-B-17</li> <li>12. II-B-31</li> <li>13. II-B-28.</li> </ol> | 9/1/00                  |
| II-F-5                 |                            | L. Rayford and A. Perez, SBA, to E. Hauxthausen, OMB. Letter. Preliminary Questions regarding EPA's Proposal concerning NESHAP for Stationary CTs.   | 9/29/00                 |

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| II-F-6                 |                            | R. Wayland, EPA:ESD to E. Haxthausen, OMB. Letter. Reply to A. Perez and L. Rayford's E-mail questions of 10/3/00.<br><br>Attachments:<br>1. Memorandum entitled "CO Removal Efficiency as a surrogate for HAP Removal Efficiency-SI LB Clean Gaseous Fueled Engines and CI Engines Using an Oxidation Catalyst."<br>2. Memorandum entitled "Comparison of CO Oxidation Catalysts with the SCONox System." | 10/18/00                |
| II-F-7                 |                            | L. Rayford, SBA to R. Wayland, EPA:ESD. Facsimile. Stationary CT MACT Followup Questions.  | 11/8/00                 |
| II-F-8                 |                            | R. Wayland, EPA:ESD, to E. Haxthausen, OMB. Letter. Response to 11/15/00 E-mail Questions from SBA.  | 11/20/00                |
| II-F-9                 |                            | M. Froehlich, Associate Deputy Administrator of EPA to M. Daniels, Director of OMB. Letter. Re: Withdrawal of EPA Actions from OMB Review.   | 2/14/01                 |
| II-F-10                |                            | S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Submittal of proposed preamble and regulation for CT MACT.   | 8/23/02                 |
| II-F-11                |                            | S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Submittal of draft Economic Impact Analysis for CT MACT.   | 8/23/02                 |
| II-F-12                |                            | S. Roy, EPA:ESD to B. Allen, OMB. E-mail. OMB Information Request for CT MACT.   | 8/23/02                 |
| II-F-13                |                            | S. Roy, EPA:ESD to B. Allen, OMB. E-mail. GTA Turbine Models.  | 10/3/02                 |

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| II-F-14                |                            | B. Allen, OMB to R. Wayland, EPA:ESD. E-mail. Turbines Questions.                       | 10/7/02                 |
| II-F-15                |                            | S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Answers to OMB Questions on Turbines.         | 10/17/02                |
| II-F-16                |                            | S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Replies to Turbine MACT Questions.            | 10/30/02                |
| II-F-17                |                            | S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Responses to CT MACT Comments.                | 10/31/02                |
| II-F-18                |                            | S. Roy, EPA:ESD to B. Allen, OMB. E-mail. Responses to CT MACT Comments.                | 11/7/02                 |
| II-F-19                |                            | S. Roy, EPA:ESD to B. Allen, OMB. E-mail. CT Addition Regarding Dual-Fuel LPC Turbines. | 11/14/02                |



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| II-F-20                |                            | B. Allen, OMB to S. Roy, EPA:ESD. E-mail. CT Addition Regarding Dual-Fuel LPC Turbines.   | 11/14/02                |
| II-F-21                |                            | S. Roy, EPA:ESD to B. Allen, OMB. E-mail. CT Addition Regarding Dual-Fuel LPC Turbines.   | 11/15/02                |
| II-F-22                |                            | R. Wayland, EPA:ESD to B. Allen, OMB. E-mail. Final Turbine MACT.<br><br>Attachment:<br>Final version of preamble and regulation for CT MACT. | 11/19/02                |

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References Not Readily Available to Public Elsewhere

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|------------------------|----------------------------|--|-------------------------|
| II-I-1                 |                            | Evaluation Test On A Natural Gas Fired Turbine Cogeneration Facility. Prepared For: University Technical Services, Inc., Taft, CA. Prepared By: CARB.  | 1/89                    |
| II-I-2                 |                            | Emissions Inventory Testing At Long Beach CT No. 3. Prepared For: Southern CA Edison Co., Rosemead, CA. Prepared By: Carnot, Tustin, CA.   | 5/89                    |
| II-I-3                 |                            | Gas Turbine Emission Testing For McClure Generating Station. Prepared For: Modesto Irrigation District, Modesto, CA. Prepared By: Acurex Corp., Mountain View, CA. Acurex Project Number: 6581.                          | 12/18/89                |
| II-I-4                 |                            | Report of Air Pollution Source Testing For California AB2588 At The Kern River Cogeneration Co., Bakersfield, CA. Prepared For: Kern County APCD, Bakersfield, CA. Prepared By: Engineering-Science, Inc., Pasadena, CA. | 3/28/90                 |
| II-I-5                 |                            | Air Toxics Emissions Inventory Testing At Coolwater Generating Station CT No. 42. Prepared For: Southern CA Edison Co., Rosemead, CA. Prepared By: Carnot, Tustin, CA.   | 5/90                    |
| II-I-6                 | 9/25/97                    | Emission Tests on the Solar Turbine at Puente Hills Landfill. Prepared For: Los Angeles County Sanitation District. Prepared By: Carnot, Tustin, CA.   | 6/90                    |
| II-I-7                 |                            | AB2588 Pooled Source Emission Test Program, Volume I, Summary Report. Prepared For: Western States Petroleum Assoc., Glendale, CA. Prepared By: The Almega Corp. Report Number: I6551-4.                                 | 7/9/90                  |

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| II-I-8                 |                            | AB2588 Testing At University Technical Services, Petro-Lewis Cogeneration Plant, Taft, CA. Prepared For: University Technical Services, San Diego, CA. Prepared By: Pape & Steiner Environmental Services, Bakersfield, CA. Report Number: PS-90-2183.                        | 8/90                    |
| II-I-9                 |                            | Emission Testing At Gilroy Energy Co. Tested July 10 and 11, 1990. Prepared For: Gilroy Energy Co, Gilroy, CA. Prepared By: Pape & Steiner Environmental Services, Bakersfield, CA. Report Number PS-90-2235.   | 8/90                    |
| II-I-10                |                            | Air Pollution Source Testing For California AB2588 On A Heat Recovery Steam Generator At Chevron U.S.A., Inc., Gaviota, CA. Tested On: April 20, 1990. Prepared For: Chevron U.S.A., Inc., Ventura, CA. Prepared By: Engineering-Science, Pasadena, CA. Report Number: WA128. | 8/30/90                 |
| II-I-11                | 9/25/97                    | Emission Tests on the Natco Turbine at Puente Hills Landfill, July 1990. Prepared For: Los Angeles County Sanitation District. Prepared By: Carnot, Tustin, CA.   | 9/90                    |
| II-I-12                |                            | AB 2588 Testing For South Bay Unit 2 and Kearny GT-1. Tested: April 23 to May 22, 1990. Prepared By: T. Reel, San Diego Gas & Electric.   | 10/90                   |

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| II-I-13                |                            | Determination of PAH, Formaldehyde, CO, and NO <sub>x</sub> Emissions From Turbine Unit #2 At The Modesto Irrigation District, McClure Road Generation Station, Modesto, CA. Prepared For: Modesto Irrigation District, Modesto, CA. Prepared By: Ecoserve, Pittsburg, CA. Report Number: 1425.   | 11/28/90                |
| II-I-14                | 9/25/97                    | Emission Tests on the Solar Turbine at Puente Hills Landfill, December 1990. Prepared For: Los Angeles County Sanitation District. Prepared By: Carnot, Tustin, CA.   | 2/91                    |
| II-I-15                |                            | Source Test Report AB2588, Choachella Power Plant, Turbine #1. Test Dates: January 1-4, 1991. Parameters Measured: Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead, Magnesium, Mercury, Nickel, Selenium, Zinc, Benzene, Formaldehyde, and PAH Emissions. Prepared For: Imperial Irrigation District, Imperial, CA. Prepared By: South Coast Environmental Co., La Verne, CA. Report Number: T1248. | 2/25/91                 |
| II-I-16                |                            | Metals, PAH & Benzene, Emissions Measurements - COGEN Exhaust Stack, Response to AB2588 Toxic "Hot Spots" Act, ARCO Products, Carson, CA. Prepared For: ARCO Products Company, Carson, CA. Prepared By: The Almaga Corp. Report Number: C6774-1.  | 3/19/91                 |

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| II-I-17                |                            | AB2588 Emission Test Report, Procter & Gamble, Sacramento Cogeneration Facility. Prepared For: Procter and Gamble Manufacturing Company, Sacramento, CA. Submittal To: Sacramento Municipal AQMD, Sacramento, CA. Prepared By: M. L. Schmitt, Carnot, Tustin, CA. Report Number: CR 11300-2324. | 4/91                    |
| II-I-18                |                            | Emissions Testing of a Gas-Fired Cogeneration Facility to Satisfy AB 2588 Requirements, Bonneville Pacific Corp. Prepared For: Reese Chamber Systems Consultants, Inc., Somis, CA. Prepared By: Horizon Air Measurement Services, Newbury Park, CA. Report Number: R03-002-FR.                  | 6/25/91                 |
| II-I-19                | 9/25/97                    | CARB. Identification of VOC Species Profiles. ARB Speciation Manual, Second Edition, Volume 1.  | 8/91                    |
| II-I-20                | 9/25/97                    | CARB. Identification of Particulate Matter Species Profiles. ARB Speciation Manual, Second Edition, Volume 2.   | 8/91                    |
| II-I-21                |                            | Emission Measurements for Speciated PAHs and BTXE Compounds on Gas Fired Turbine and Steam Generator. Prepared For: Shell Western E & P, Bakersfield, CA. Prepared By: The Almaga Corp. Report Number: C6823-2.   | 8/1/91                  |
| II-I-22                |                            | AB2588 Toxic Emission Testing. Prepared For: Willamette Industries, Inc., Port Hueneme, CA. Prepared By: BTC Environmental, Inc., Ventura, CA. Report Number: 23002.  | 10/21/91                |

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| II-I-23                | 9/25/97                    | Emissions Tests on the Solar Turbine at Puente Hills Landfill, August 1991. Prepared For: Los Angeles County Sanitation District. Prepared By: Carnot, Tustin, CA.   | 11/91                   |
| II-I-24                |                            | Emission Performance Testing Of One Cogeneration Turbine. Site: 32nd Street Naval Station, San Diego, CA. Prepared For: Sithe Energies, U.S.A., Inc., San Diego, CA. Prepared By: T. Rooney, Western Environmental Services, Redondo Beach, CA. May 1991, Revised November 1991.                                 | 11/91                   |
| II-I-25                |                            | Determination Of Emissions From The Cogeneration Unit At UC Berkeley, Berkeley, CA. Test Date: August 22, 1991. Prepared For: Stewart and Stevenson, Berkeley, CA. Prepared By: Ecoserve Air Quality Management Consultants, Pittsburgh, CA. September 25, 1991, revision November 6, 1991. Report Number: 1747. | 11/6/91                 |
| II-I-26                | 9/25/97                    | Emissions Test on the Natco Turbine at Puente Hills Landfill, November 1991. Prepared For: Los Angeles County Sanitation District. Prepared By: Carnot, Tustin, CA.  | 12/91                   |
| II-I-27                | 9/28/97                    | CARB. Stationary Source Test Methods. Methods for Determining Emissions of Toxic Air Contaminants from Stationary Sources. Volume 3.   | 12/13/91                |
| II-I-28                |                            | Emissions Testing From a Gas-Fired Cogeneration Facility To Determine Benzene Concentration. Prepared For: Willamette Industries, Oxnard, CA. Prepared By: Horizon Air Measurement Services, Inc. Report Number: W09-001-FR.   | 1/16/92                 |

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| II-I-29                |                            | Air Toxic Emissions Testing of a Natural Gas Fired Turbine At Sycamore Cogeneration Co., Bakersfield, CA. Test Date: May 27, 1992. Prepared For: Sycamore Cogeneration Co., Bakersfield, CA. Prepared By: Engineering-Science, Inc., Bakersfield, CA. Report Number WA005.07.  | 6/30/92                 |
| II-I-30                |                            | AB2588 Toxic Emissions Test Results On A Gas-Fired Cogeneration Facility, DEXZEL Combined Cycle Facility. Prepared For: Diamond (DEXZEL) Energy, Inc., Los Angeles, CA. Prepared By: Horizon Air Measurement Services, Inc.  | 7/8/92                  |
| II-I-31                | 9/25/97                    | Measurement of Emissions Total Energy Facility Gas Turbines. Prepared For: Los Angeles County Sanitation District. Prepared By: Calscience Environmental Laboratories, Inc. Performed at Joint Water Pollution Control Plant, Carson, CA.  | 8/17/92                 |
| II-I-32                |                            | Source Test Report For The Texaco Heater Treater, The Mobil Steam Generator, and The Swepi Gas Turbine In The San Joaquin Valley Unified APCD, CA. Final: Vol. I. Prepared For: Western States Petroleum Assoc., Bakersfield, CA. Prepared By: Radian Corp., Sacramento, CA. DCN: 92-256-227-02, RCN: 256-227-04-00. | 9/4/92                  |
| II-I-33                |                            | Emissions Source Test Conducted at the Agnews Cogeneration Facility, Plant #6044. Prepared For: Bay Area AQMD, San Francisco, CA. Prepared By: Calpine Corp., San Jose, CA.  | 10/7/92                 |

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| II-I-34                | 9/25/97                    | Emissions Test on the Solar Turbine at Puente Hills Landfill, October 1992. Prepared For: Los Angeles County Sanitation District. Prepared By: Carnot, Tustin, CA.   | 1/93                    |
| II-I-35                |                            | Report on Emissions Testing of Cogeneration Engines #2 and #3 at the MRWPCA Wastewater Treatment Plant, Marina, CA. Prepared For: MRWPCA, Marina, CA. Prepared By: Normandeau Assoc., Inc., Richmond, CA. Reference: Normandeau Assoc., Inc., Project No. 13380.00.  | 1/29/93                 |
| II-I-36                | 9/25/97                    | Measurement of Emissions Total Energy Facility No. 1, Digester Gas Inlet. Prepared For: Los Angeles County Sanitation District. Prepared By: Calscience Environmental Laboratories, Inc. Performed at Joint Water Pollution Control Plant, Carson, CA.   | 3/19/93                 |
| II-I-37                |                            | Compliance Source Test Report, Watsonville Cogeneration, GE LM2500 Gas Fired Turbine, APCD #5052. Date Tested: May 5, 6, & 10 1993. Prepared For: Watsonville Cogeneration Partnership, Bonneville Pacific Services, Inc., Watsonville, CA. Prepared By: Petro Chem Environmental Services, Inc., Bakersfield, CA.                         | 6/2/93                  |
| II-I-38                |                            | AB2588 Air Toxics Emission Testing Natural Gas Fired Turbine, Sargent Canyon Cogeneration Co., San Ardo, CA. Test Date: May 5, 1993. Prepared For: Sargent Canyon Cogeneration Co., Bakersfield, CA. Submittal To: Monterey Bay Unified APCD, Monterey, CA. Prepared By: Engineering-Science, Inc., Bakersfield, CA. Report Number: WA343. | 7/1/93                  |



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| II-I-39                | 9/25/97                    | Emission Tests on the Natco Turbine at Puente Hills Landfill, September 1993. Prepared For: Los Angeles County Sanitation District. Prepared By: Carnot, Tustin, CA. Report Number: LACID-10242/R023D105.T  | 11/93                   |
| II-I-40                | 9/25/97                    | Emissions Tests on the Solar Turbine at Puente Hills Landfill, September 1993. Prepared For: Los Angeles County Sanitation District. Prepared By: Carnot, Tustin, CA. Report Number: LACID-10242/R023D107.T | 11/93                   |
| II-I-41                |                            | NOx and VOC Species Profiles for Gas Fired Stationary Combustion Sources. Volume One. Prepared For: CARB. Prepared By: EER.   | 1/19/94                 |
| II-I-42                | 9/25/97                    | Emissions Test on the Natco Turbine at Puente Hills Landfill, November 1994. Prepared For: Los Angeles County Sanitation District. Prepared By: Carnot, Tustin, CA.   | 12/94                   |
| II-I-43                | 9/25/97                    | California EPA, ARB Research Division. NOx and VOC Species Profiles For Gas Fired Stationary Combustion Sources. Volume 2: Field and Sampling Data.   | 1/95                    |
| II-I-44                | 9/25/97                    | Emissions Test on the Solar Turbine at Puente Hills Landfill, March 1995. Prepared For: Los Angeles County Sanitation District. Prepared By: Carnot, Tustin, CA.  | 4/95                    |

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| II-I-45                |                            | Formaldehyde And Ammonia Emissions At The Outlet Of The General Electric Turbine At Calpine Corp. Cogeneration Facility In Sumas, Washington. Prepared For: Calpine Corp., Sumas, Washington. Prepared By: AmTest Air Quality, Inc., Preston, Washington.         | 8/31/95                 |
| II-I-46                | 9/25/97                    | Emissions Test on the Solar Turbine at Puente Hills Landfill, November 21, 1995. Prepared For: Los Angeles County Sanitation District. Prepared By: Carnot, Tustin, CA.   | 1/96                    |
| II-I-47                |                            | L. Traweek, American Gas Assoc. to S. Roy, EPA:ESD. Transmittal of Two GRI Topical Reports Related to the RICE and CT MACT Standards Development. This Document Can Be Found in Stationary Reciprocating Internal Combustion Engines, Category I, Number II-I-30. | 5/2/96                  |
| II-I-48                |                            | "GRI-95/0200" Gas-Fired Boiler and Turbine Air Toxics Summary Report. Prepared For: GRI, Chicago, Illinois and Electric Power Research Institute, Palo Alto, CA. Prepared By: Carnot Technical Services, Tustin, CA.  | 8/96                    |
| II-I-49                |                            | Information Regarding Small IC Generating Units, enclosure I, entitled " <i>Publicly Owned Electric Utilities: Internal Combustion Plants</i> ," enclosure 2, Information Regarding the Amount of Generation Produced by These Units.                             | 12/20/96                |

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| II-I-50                | 1/15/98                    | Formaldehyde, Acetaldehyde, and Benzene Control Efficiency at Federal Cold Storage March 14, 1997. Prepared For: Sunlaw Energy Corp., Los Angeles, CA. Prepared By: Delta Air Quality Services, Orange, CA. | 4/2/97                  |

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| II-I-51                |                            | Test Report for the Engineering Testing (November 15 and 19, 1993). Prepared By: Carnot, Boulder, CO.   | 2/94                    |
| II-I-52                |                            | Test Report for the Compliance and Engineering Testing, Unit A (November 18, 1993). Prepared By: Carnot, Boulder, CO.   | 2/94                    |
| II-I-53                |                            | Test Report for the Engineering Testing (November 29-December 1, 1993). Prepared For: Pacific Gas Transmission Company. Prepared By: Carnot, Boulder, CO.                                     | 3/94                    |
| II-I-54                |                            | Test Report for the Engineering Testing Near Rosalia, WA (December 2-6, 1993). Prepared By: Carnot, Boulder, CO.  | 3/94                    |
| II-I-55                |                            | Test Report for the Engineering Testing at Unit A on December 7 and 8, 1993. Prepared For: Gas Research Institute, Chicago, IL. Prepared By: Carnot, Boulder, CO and Tustin, CA.              | 5/94                    |
| II-I-56                |                            | Topical Report, Preliminary Study of Oxidation Catalyst Costs Applied to Gas Turbines for Control of Aldehydes. Gas Research Institute. Prepared by: Radian International LLC. GRI - 98/0218. | 6/01/98                 |
| II-I-57                |                            | Preliminary Results from Natural Gas-Fired CT Testing. Gas Research Institute, American Petroleum Institute.  | 8/01/98                 |

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| II-I-58                |                            | Modern Petroleum: A Basic Primer of the Industry. Bill D. Berger and Kenneth E. Anderson. Tulsa, OK: The Petroleum Publishing Co.   | 1978                    |
| II-I-59                |                            | Guide to Natural Gas Cogeneration. Hay, Nelson E., ed. Lilburn, GA: The Fairmont Press, Inc.  | 1988                    |
| II-I-60                |                            | AMOCO Production Co. Morganza Field CTB #1 & Sweetening Facility, Morganza, LA, Oxides of Nitrogen, CO, & Opacity, Source # 87-4. Prepared For: AMOCO Production Co. Prepared By: Emission Testing Services, Inc., Baton Rouge, LA.   | 6/28/88                 |
| II-I-61                |                            | GE Gas Turbine Cogeneration Facility Emission Compliance Test Program, Fina Oil & Chemical Co., Port Arthur, TX. Prepared For: Fina Oil & Chemical Co., Port Arthur, TX. Prepared By: ARI Environmental, Inc., Arlington Heights, IL. | 2/7/89                  |
| II-I-62                |                            | Cogeneration Partners Riverside Hospital Cogeneration Unit, Toledo, OH, Emission Test Report. Prepared By: Monarch Analytical Laboratories, Inc., Toledo, OH.   | 6/15/89                 |
| II-I-63                |                            | Report of Oxides of Nitrogen Compliance Emission Determination of the Cogeneration System. Prepared For: Tastykake Co., Philadelphia, PA. Prepared By: BCM Engineers Inc., Plymouth Meeting, PA. Project Number: 00-5058-04.          | 10/1/89                 |

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| II-I-64                |                            | Emissions Test Report GE Frame 3 Gas Turbine, Tennessee Gas Pipeline Station 17, East Bernard, TX. Prepared For: Texas Air Control Board. Prepared By: Tenneco Gas Technical Services Dept., Houston, TX.  | 1/31/90                 |
| II-I-65                |                            | Test Report on Exhaust Emissions from Westinghouse B-8 Gas Turbine & Heat Recovery Boiler at the Exxon Baytown Refinery Boilerhouse 6. Prepared For: Exxon Company U.S.A. Prepared By: Cubix Corp., Austin, TX.  | 7/1/90                  |
| II-I-66                |                            | Report On Source Emissions Testing Conducted For Oakland Scavenger. Prepared For: Oakland Scavenger, Livermore, CA. Prepared By: TMA/Norcal, Richmond, CA. Reference TMA/Norcal C.N. 5-410.  | 7/5/90                  |
| II-I-67                |                            | Emission Testing at Coalinga Cogeneration Plant. Prepared For: Shell Western Exploration & Production, Inc., Bakersfield, CA. Prepared By: Pape & Steiner Environmental Services, Bakersfield, CA. Report Number PS-90-2284.                           | 10/1/90                 |
| II-I-68                |                            | Air Pollutant Compliance Test Report, Stationary Gas Turbines 001 & 002, Hanover Compressor Station. Prepared For: Algonquin Gas Transmission Co., Boston, MA. Prepared By: TRC Environmental Consultants, East Hartford, CT. Project Number 7638-E31. | 11/1/90                 |

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| II-I-69                |                            | Emissions Test Results at Compressor Station 6, Unit A Near Rosalia, WA. Prepared For: Pacific Gas Transmission Co., San Francisco, CA. Prepared By: Carnot, Tustin, CA. CR 82100-2265R.  | 1/1/91                  |
| II-I-70                |                            | Emission Testing at Coalinga Cogeneration Plant. Prepared For: Shell Western Exploration & Production, Bakersfield, CA. Prepared By: Steiner Environmental, Inc., Bakersfield, CA. Report PS-91-2367.   | 2/1/91                  |
| II-I-71                |                            | Report of Annual Air Pollution Compliance Testing of a Gas Turbine Cogeneration Units, Conducted at: Sycamore Cogeneration Co., Bakersfield, CA. Prepared For: Sycamore Cogeneration Co., Bakersfield, CA. Prepared By: Engineering-Science, Inc., Irwindale, CA. | 2/18/91                 |
| II-I-72                |                            | Compliance Source Test Report - Rosalia, WA Station 6 - Unit A. Prepared For: Pacific Gas Transmission Co., San Francisco, CA. Prepared By: Petro Chem Environmental Services, Inc., Bakersfield, CA.   | 4/10/91                 |
| II-I-73                |                            | Test Report on Exhaust Emissions from Two Westinghouse Model W301-G Gas Turbines at the Sun Oil Refinery in Philadelphia, PA. Prepared For: Sun Refining & Marketing Co., Philadelphia, PA. Prepared By: Cubix Corp., Austin TX.                                  | 5/1/91                  |
| II-I-74                |                            | Acrico Cogeneration Corp., San Joaquin, CA Dryer & Gas Turbine Emission Tests. Prepared For: Acrico Cogeneration Corp., San Joaquin CA. Prepared By: Genesis Environmental Services Co., Bakersfield, CA. Report Number 777-0263.                                 | 6/12/91                 |

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| II-I-75                |                            | Source Sampling Report for Measurement of NOx & CO Emissions, CT Units 11, 21, & 22, Philadelphia Electric Co., Croydon Generating Station, Croydon, PA. Prepared By: Gilbert/Commonwealth, Inc., Reading, PA. Report Number R-04-6314-000. | 8/1/91                  |
| II-I-76                |                            | CT Emissions Test Report for City Utilities of Springfield, MO. Twin-Pac CTs Nos. 1 & 2, Southwest Power Station. Prepared For: City Utilities of Springfield, MO. Prepared By: Total Source Analysis, Inc., Wellington, OH.                | 8/6/91                  |
| II-I-77                |                            | Determination of Formaldehyde and Acetaldehyde in Emissions from Stationary Sources. California Air Resources Board.  | 12/13/91                |
| II-I-78                |                            | Air Pollution Source Testing at Chalk Cliff Limited Cogeneration Facility, Maricopa, CA. Prepared For: Destec Operating Co., Bakersfield, CA. Prepared By: Engineering-Science, Inc., Bakersfield, CA.                                      | 12/23/91                |
| II-I-79                |                            | 1992 Census of Mineral Industries, Industry Series: Crude Petroleum and Natural Gas. U.S. Department of Commerce, Bureau of the Census. MIC92-I-13A. Washington, DC: U.S. Department of Commerce.   | 1992                    |
| II-I-80                |                            | 1992 Census of Mineral Industries, Industry Series: Natural Gas Liquids. U.S. Department of Commerce, Bureau of the Census. MIC92-I-13B. Washington, DC: U.S. Department of Commerce.   | 1992                    |
| II-I-81                |                            | 1992 Census of Mineral Industries, Industry Series: Oil and Gas Field Services. U.S. Department of Commerce, Bureau of the Census. MIC92-I-13C. Washington, DC: U.S. Department of Commerce.  | 1992                    |



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| II-I-82                |                            | Emission Source Tests at the High Sierra Limited Cogeneration Facility, Kern County, CA. Prepared For: Destec Operating Co. Prepared By: Petro Chem Environmental Services, Bakersfield, CA.  | 2/16/92                 |
| II-I-83                |                            | Emission Source Tests at the Kern Front Limited Cogeneration Facility in Kern County, CA. Prepared For: Destec Operating Co., Kern County, CA. Prepared By: Petro Chem Environmental Services, Inc., Bakersfield, CA.                         | 2/23/92                 |
| II-I-84                |                            | Emission Test Report for Transcontinental Gas Pipe Line Corp., Station Number 515, Bear Creek, PA. Prepared For: Transcontinental Gas Pipe Line Corp., Houston, TX. Prepared By: Scott Environmental Technology, Plumsteadville, PA.          | 3/1/92                  |
| II-I-85                |                            | Emissions Testing Reciprocating Compressor & Stationary Gas Turbine, Columbia Gulf Transmission Co., Rayne, LA. Prepared For: Columbia Gulf Transmission Co., Rayne, LA. Prepared By: CEM Division, Entropy Environmentalists, Inc., RTP, NC. | 3/1/92                  |
| II-I-86                |                            | Air Pollution Source Testing at the Kern Front Limited Cogeneration Facility, Bakersfield, CA. Prepared For: Destec Operating Co., Bakersfield, CA. Prepared By: Engineering-Science, Inc., Bakersfield, CA.                                  | 3/6/92                  |

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| II-I-87                |                            | Source Testing of 3 Natural Gas Fired Turbines at the SEKR Cogeneration Facility, Bakersfield, CA. Prepared For: Shell Western Exploration & Production, Inc., Bakersfield, CA. Prepared By: Engineering-Science, Inc., Bakersfield, CA.                 | 4/27/92                 |
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| II-K-1                 |                            | CT Work Group to the ICCR Coordinating Committee. Memorandum. Rationale for Development of MACT Floor for Existing CTs.  | 4/14/98                 |
| II-K-2                 |                            | CT Work Group, to the ICCR Coordinating Committee. Memorandum. Gas Turbine HAPs Technology Workshop.   | 8/17/98                 |
| II-K-3                 |                            | CT Work Group, to the ICCR Coordinating Committee. Memorandum. CTWG Pollution Prevention Considerations.   | 8/26/98                 |
| II-K-4                 |                            | CT Work Group, to the ICCR Coordinating Committee. Memorandum. CTWG Subcategorization Report.  | 9/4/98                  |
| II-K-5                 |                            | CT Work Group, to the ICCR Coordinating Committee. Memorandum. CTWG HAPs vs Criteria Pollutants Report.  | 9/4/98                  |
| II-K-6                 |                            | CT Work Group, to the ICCR Coordinating Committee. Memorandum. Cost-Effectiveness of Oxidation Catalyst Control of HAP Emissions From Stationary CTs.          | 9/4/98                  |
| II-K-7                 |                            | CT Work Group, to the ICCR Coordinating Committee. Memorandum. CTWG Model Turbine and Control Alternative Cost Analyses for Existing and New Sources Document. | 9/4/98                  |
| II-K-8                 |                            | CT Work Group, to the ICCR Coordinating Committee: Memorandum. CT Inventory and Emissions Databases.   | 9/4/98                  |

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Category II-K  
ICCR FACA Work Products

| <u>Document Number</u> | <u>Date Rcvd in Docket</u> | <u>Commentor, Addressee, Title or Description, etc.</u>   | <u>Date of Document</u> |
|------------------------|----------------------------|---|-------------------------|
| II-K-9                 |                            | <p>F. Porter, EPA Co-Chair, and R. Anderson, Stakeholder Co-Chair, ICCR Coordinating Committee, to R. Wilson, EPA: OAR. Recommendations developed by the ICCR Coordinating Committee.</p> <p>Attachments are as follows:<br/>Enclosure III contains the Committee's recommendations on a list of pollutants for which to test in any additional emission testing for CT.</p> <p><b>The remaining attachments are not included because they do not pertain to combustion turbines. A complete set of attachments is contained in Docket A-96-17, Item II-L-1.</b></p>      | 12/17/97                |
| II-K-10                |                            | <p>R. Anderson, Stakeholder Co-Chair, ICCR Coordinating Committee and F. Porter, EPA Co-Chair, ICCR Coordinating Committee, to R. Wilson, EPA: OAR. Recommendations developed by the ICCR Coordinating Committee.</p> <p>Attachments are as follows:<br/>V contains CT MACT Floor for Existing Sources recommendations.<br/>VI contains CT emissions Testing recommendations.</p> <p><b>The remaining attachments are not included because they do not pertain to combustion turbines. A complete set of attachments is contained in Docket A-96-17, Item II-L-3.</b></p> | 6/5/98                  |

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ICCR FACA Work Products

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|------------------------|----------------------------|--|-------------------------|
| II-K-11                |                            | CT Work Group to the ICCR Coordinating Committee. Memorandum. Preliminary Results from Natural Gas-Fired CT Testing.   | 9/4/98                  |
| II-K-12                |                            | CT Work Group to the ICCR Coordinating Committee. Memorandum. CTWG Gas-Fired CT MACT Considerations.   | 9/4/98                  |
| II-K-13                |                            | <p>R. Anderson, Stakeholder Co-Chair, ICCR Coordinating Committee, and F. Porter, EPA Co-Chair, ICCR Coordinating Committee, to R. Perciasepe, EPA:OAR. Recommendations of the ICCR Coordinating Committee.</p> <p>Attachments are as follows:<br/>I contains the List of Works-In-Progress and Data/Information. These items are located in this section K of this docket.</p> <p>V contains the Cost of Oxidation Catalyst Control of HAP Emissions From Stationary CT.</p> <p>VI contains recommendations on Interpreting and Using Emissions Databases Containing Non-Detection Values.</p> <p><b>The remaining attachments are not included because they do not pertain to combustion turbines. A complete set of attachments is contained in Docket A-96-17, Item II-L-5a.</b></p> | 11/24/98                |
| II-K-14                |                            | ICCR Coordinating Committee to EPA:OAR. Database on CD. Inventory Database Version 3.0 and Associated Documentation Tables, including Version 2.0 (Turbines Only) - General ICCR Data/Information.   | 11/24/98                |

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ICCR FACA Work Products

| <u>Document Number</u> | <u>Date Rcvd in Docket</u> | <u>Commentor, Addressee, Title or Description, etc.</u>  | <u>Date of Document</u> |
|------------------------|----------------------------|--|-------------------------|
| II-K-15                |                            | ICCR Coordinating Committee to EPA:OAR. Database on CD. Refined Inventory Database - CT Data/Information.  | 11/24/98                |
| II-K-16                |                            | ICCR Coordinating Committee to EPA:OAR. Database on CD. Emission Test Database v. 3.0 - CT Data/Information.   | 11/24/98                |
| II-K-17                |                            | ICCR Coordinating Committee to EPA:OAR. Database on CD. Additional Inventory and Survey Data from AMSA - General ICCR Data/Information.  | 11/24/98                |
| II-K-18                |                            | ICCR Coordinating Committee to EPA:OAR. A Review of Formaldehyde Measurements by the DNPH Methods - Testing and Monitoring Protocol Data/Information.  | 11/24/98                |
| II-K-19                |                            | ICCR Coordinating Committee to EPA:OAR. Discussion of Real Time Measurement options to IC Engine SWG - Testing and Monitoring Protocol Data/Information.   | 11/24/98                |
| II-K-20                |                            | ICCR Coordinating Committee to EPA:OAR. Typical Products of Incomplete Combustion (PICs) from Industrial Combustion sources that are also HAPs - Testing and Monitoring Protocol Data/Information.   | 11/24/98                |
| II-K-21                |                            | ICCR Coordinating Committee to EPA:OAR. Review of Compliance Test Methods for Determining Formaldehyde Emissions from IC Engines and Turbines with Potential Application to Other Combustion Sources - Testing and Monitoring Protocol Data/Information. | 11/24/98                |

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ICCR FACA Work Products

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|------------------------|----------------------------|---|-------------------------|
| II-K-22                |                            | ICCR Coordinating Committee to EPA:OAR. CC Guidance to Work Groups on Operator Training/Qualification - General ICCR Works-In-Progress.   | 11/24/98                |
| II-K-23                |                            | ICCR Coordinating Committee to EPA:OAR. CC Guidance to Work Groups on Metrics which Encourage Pollution Prevention - General ICCR Works-In-Progress.  | 11/24/98                |
| II-K-24                |                            | ICCR Coordinating Committee to EPA:OAR. CC Guidance to Work Groups on Pollution Prevention Regulatory Options - General ICCR Work-In-Progress.  | 11/24/98                |
| II-K-25                |                            | ICCR Coordinating Committee to EPA:OAR. Guidance on Good Combustion Practices - General ICCR Work-In-Progress.  | 11/24/98                |
| II-K-26                |                            | ICCR Coordinating Committee to EPA:OAR. Pollution Prevention Subgroup Report on Fuel/Waste Constituent Levels and Fuel/Waste De Minimis Constituent Levels - General ICCR Work-In-Progress. | 11/24/98                |
| II-K-27                |                            | ICCR Coordinating Committee to EPA:OAR. Environmental Caucus Proposal for Regulatory Action - General ICCR Work-In-Progress.  | 11/24/98                |
| II-K-28                |                            | ICCR Coordinating Committee to EPA:OAR. Chlorinated Dioxin and Furan Formation, Control and Monitoring - General ICCR Data/Information.   | 11/24/98                |

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Category IV-A  
Additional EPA Studies or Contractor Reports

| <u>Document<br/>Number</u> | <u>Date Rcvd<br/>in Docket</u> | <u>Commentor, Addressee, Title or Description,<br/>etc.</u>  | <u>Date of<br/>Document</u> |
|----------------------------|--------------------------------|--|-----------------------------|
| IV-A-1                     |                                | Economic Impact Analysis of the Final<br>Stationary Combustion Turbines NESHAP.<br>Prepared for: U.S. EPA, OAQPS:ISEG, RTP,<br>NC. Prepared by: RTI International, RTP,<br>NC. EPA-452/R-03-014. | 8/03                        |

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Category IV-B  
Additional EPA Factual Memoranda

| <u>Document Number</u> | <u>Date Rcvd in Docket</u> | <u>Commentor, Addressee, Title or Description, etc.</u>  | <u>Date of Document</u> |
|------------------------|----------------------------|--|-------------------------|
| IV-B-1                 |                            | B. Nelson, AGTI to S. Roy, EPA:ESD. Memorandum. Review of Lean Premix Combustion Turbine Formaldehyde Emission Test Reports.                                   | 6/23/03                 |
| IV-B-2                 |                            | B. Nelson, AGTI to S. Roy, EPA:ESD. Memorandum. Review of Test Methods and Data used to Quantify Formaldehyde Concentrations from Combustion Turbines.         | 6/30/03                 |
| IV-B-3                 |                            | B. Riddle, AGTI to S. Roy, EPA:ESD. Memorandum. Revised Cost Estimates and Emission Reductions Associated with Stationary Combustion Turbine MACT.             | 8/21/03                 |
| IV-B-4                 |                            | M. Taylor, AGTI to S. Roy, EPA:ESD. Memorandum. Updated Cost Per Ton of Above-the-Floor MACT Options for Existing Stationary Combustion Turbines.              | 8/21/03                 |
| IV-B-5                 |                            | T. Ali, AGTI to S. Roy, EPA:ESD. Memorandum. Summary of Data at Proposal and Promulgation for Stationary Combustion Turbines NESHAP.                           | 8/22/03                 |
| IV-B-6                 |                            | M. Taylor, AGTI to S. Roy, EPA:ESD. Memorandum. Allowance for Backup Operation on Distillate Oil for Stationary Combustion Turbines.                           | 8/22/03                 |
| IV-B-7                 |                            | T. Ali, AGTI to S. Roy, EPA:ESD. Memorandum. Subcategorization Strategy for Stationary Combustion Turbines for the Final Rule.                                 | 8/22/03                 |
| IV-B-8                 |                            | T. Ali, AGTI to S. Roy, EPA:ESD. Memorandum. Stationary Combustion Turbines and Reciprocating Internal Combustion Engines fired with Landfill or Digester Gas. | 8/22/03                 |

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|------------------------|----------------------------|--|-------------------------|
| IV-B-9                 |                            | M. Taylor, AGTI to S. Roy, EPA:ESD. Memorandum. Revised HAP Emission Factors for Stationary Combustion Turbines.   | 8/22/03                 |
| IV-B-10                |                            | T. Ali, AGTI to S. Roy, EPA:ESD. Memorandum. MACT Floors and MACT for Stationary Combustion Turbines Final Rule  | 8/22/03                 |
| IV-B-11                |                            | M. Taylor, AGTI to S. Roy, EPA:ESD. Memorandum. Discussion of the Changes in the Emission Limitation and Technology Between Proposal and Promulgation of the Combustion Turbine MACT | 8/22/03                 |
| IV-B-12                |                            | B. Nelson, AGTI to S. Roy, EPA:ESD. Memorandum. Review of Diffusion Flame Combustion Turbine Formaldehyde Emission Test Reports.   | 8/25/03                 |
| IV-B-13                |                            | B. Nelson, AGTI to S. Roy, EPA:ESD. Memorandum. Summary of Invalidated Runs of Lean Premix Combustion Turbine Formaldehyde Emission Test Reports.                                    | 8/25/03                 |
| IV-B-14                |                            | M. Taylor, AGTI to S. Roy, EPA:ESD. Memorandum. Latest Version of CT Emissions Database.<br><br>Attachment:<br>Emissions Database entitled ttestsv8_03.mdb on CD.                    | 8/27/03                 |



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Category IV-C  
Additional EPA Correspondence to Persons Outside the EPA

| <u>Document Number</u> | <u>Date Rcvd in Docket</u> | <u>Commentor, Addressee, Title or Description, etc.</u>  | <u>Date of Document</u> |
|------------------------|----------------------------|--|-------------------------|
| IV-C-1                 |                            | S. Roy, EPA:ESD to Stakeholders. E-Mail. Supplementary Note on Dual-Fuel Lean Premix Combustors.   | 1/16/03                 |
| IV-C-2                 |                            | S. Roy, EPA:ESD to Stakeholders. E-Mail. Combustion Turbine MACT Proposal Comment Period Closes on February 28, 2003.  | 1/27/03                 |
| IV-C-3                 |                            | R. Sims, EPA:ESD to B. Rising, Siemens. Email. Hotline - Analysis of Motor-Vehicle Fuels for Metals by Inductively Coupled Plasma.<br><br>Attachments:<br>1. C. Kuterdem, AGTI to Sims Roy, EPA:ESD. Memorandum. Metal Emissions from Gas Turbines. June 13, 2003.<br>2. Metal Emission Memo Tables (06.13.2003).xls.<br>3. Emission Factor - Palma.xls. | 6/25/03                 |
| IV-C-4                 |                            | S. Roy, EPA:ESD to B. Bankoff, Siemens. San Diego County Contact.  | 7/21/03                 |

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Additional Comments Received

| <u>Document Number</u> | <u>Date Rcvd in Docket</u> | <u>Commentor, Addressee, Title or Description, etc.</u>   | <u>Date of Document</u> |
|------------------------|----------------------------|---|-------------------------|
| IV-D                   |                            | S. Clowney, El Paso Pipeline Group to D. Bell, EPA:ESD. Letter. Paper and Presentation on Formaldehyde Test Methods from the Air and Waste Management Symposium on Air Quality Measurement and Technology, November 2002. | 01/28/03                |
| IV-D                   |                            | L. Witherspoon, Solar Turbines, Inc. to S. Roy, EPA:ESD. E-mail. Low ambient operation.   | 01/29/03                |
| IV-D                   |                            | M. White, GE Power Systems to S. Roy, EPA:ESD. E-mail. O'Brien paper on CO offgassing in heated lines.  | 01/29/03                |
| IV-D                   |                            | F. Booth, Engelhard, to T. Ali, AGTI. E-mail. Catalyst Control on Digester/Landfill Gas Units.  | 2/6/03                  |
| IV-D                   |                            | J. McDonald, Miratech Corp., to T. Ali, AGTI. E-mail. Catalyst Control on Digester/Landfill Gas Units.  | 2/7/03                  |
| IV-D                   |                            | W. Chu, Johnson Matthey, to T. Ali, AGTI. E-mail. Catalyst Control on Digester/Landfill Gas Units.  | 2/18/03                 |
| IV-D                   |                            | E. Torres, Orange County Sanitation District, to T. Ali, AGTI. E-mail. Information Regarding Digester/Landfill Gas Units.   | 2/18/03                 |

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| <u>Document Number</u> | <u>Date Rcvd in Docket</u> | <u>Commentor, Addressee, Title or Description, etc.</u>  | <u>Date of Document</u> |
|------------------------|----------------------------|--|-------------------------|
| IV-D                   |                            | <p>G. Adams, Los Angeles County Sanitation District, to T. Ali, AGTI. Letter. Information Regarding Digester/Landfill Gas [Combustion] Units.</p> <p>Attachments:<br/> 1. LA County Sanitation District Unit No. 01 Permit to Construct.<br/> 2. SCAQMD Rule 1134. Emissions of Oxides of Nitrogen from Stationary Gas Turbines.<br/> 3. Catalytic Denitrification of Exhaust from Reciprocating Engines fueled with Sewage Digester Gas.<br/> 4. Case Study of Selective Catalytic Reduction System Start-up on Digester Gas Fired Combustion Turbines.</p> | 3/13/03                 |
| IV-D                   |                            | B. Rising, Siemens, to J. Snyder, AGTI. E-mail. Turbines MACT Proposal Comments on Synthesis Gas.  | 3/28/03                 |
| IV-D                   |                            | B. Shanks, American Chemistry Council, to J. Snyder, AGTI. E-mail. Turbines MACT Proposal Comments on Fuel and Raw Material Curtailments.  | 3/31/03                 |
| IV-D                   |                            | L. Witherspoon, Solar, to J. Snyder, AGTI. E-mail. Turbines MACT Proposal Comments on Other Fuels.   | 3/31/03                 |
| IV-D                   |                            | L. Witherspoon, Solar, to T. Ali, AGTI. E-mail. Stationary CT NESHAP Questions Regarding Solar's Comment Letter.   | 4/8/03                  |
| IV-D                   |                            | B. Richani, GE Power Systems, to J. Snyder, AGTI. E-mail. Turbines MACT Proposal Comments on Transportable Turbines.   | 4/8/03                  |

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|------------------------|----------------------------|---|-------------------------|
| IV-D                   |                            | M. Banks, San Diego Air Pollution Control District, to J. Snyder, AGTI. E-mail. Military Tactical Support Equipment and Subpart ZZZZ. | 4/8/03                  |
| IV-D                   |                            | M. Banks, San Diego Air Pollution Control District, to J. Snyder, AGTI. E-mail. Military Tactical Support Equipment and Subpart ZZZZ. | 4/8/03                  |
| IV-D                   |                            | M. Banks, San Diego Air Pollution Control District, to J. Snyder, AGTI. E-mail. Military Tactical Support Equipment and Subpart ZZZZ. | 4/10/03                 |
| IV-D                   |                            | D. Price, Ventura County Air Pollution Control District, to J. Snyder, AGTI. E-mail. Combustion Turbine Test Reports.                 | 4/10/03                 |
| IV-D                   |                            | B. Rising, Siemens, to T. Ali, AGTI. E-mail. Lean Premix Stationary Combustion Turbines.  | 4/11/03                 |
| IV-D                   |                            | M. Stone, IA DNR, to J. Snyder, AGTI. E-mail. Combustion Turbine Test Reports.  | 4/14/03                 |
| IV-D                   |                            | L. Coerr, Coerr Environmental, to J. Snyder, AGTI. E-mail. Data for Diffusion Flame Turbines.   | 4/15/03                 |
| IV-D                   |                            | K. Carretti, United States Marine Corps - Camp Pendleton, to J. Snyder, AGTI. E-mail. EPA's ICE and Turbine NESHAPS.                  | 4/16/03                 |
| IV-D                   |                            | D. Newton, Naval Facilities Engineering Service Center, to J. Snyder, AGTI. E-mail. EPA's ICE and Turbine NESHAPS.                    | 4/16/03                 |
| IV-D                   |                            | L. Witherspoon, Solar Turbines, to S. Roy, EPA:ESD. E-mail. Academia Contacts.  | 4/18/03                 |

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|------------------------|----------------------------|---|-------------------------|
| IV-D                   |                            | S. Moore, San Diego County, to M. Taylor, AGTI. E-mail. Your Request for Further Explanation of Comment on the Proposed Stationary Combustion Turbine NESHAP. | 4/29/03                 |
| IV-D                   |                            | J. Weisbrod, JCW Technologies, to S. Roy, EPA:ESD. E-mail. Formaldehyde Catalysts.  | 4/29/03                 |
| IV-D                   |                            | J. Narendra, GE Aircraft Engines, to T. Ali, AGTI. E-mail. Response to Queries on Dual Fuel DLN Engines.  | 5/6/03                  |
| IV-D                   |                            | K. Houed, Maricopa County, to J. Snyder, AGTI. E-mail. Engine Data Request.   | 5/7/03                  |
| IV-D                   |                            | D. Jezouit, Baker Botts L.L.P, to S. Roy, EPA:ESD. Letter. Docket No. OAR-2002-0060; Supplemental Comments of the Class of '85 Regulatory Response Group.     | 5/27/03                 |
| IV-D                   |                            | R. Rodrigue, CT Department of Environmental Protection to M. Taylor, AGTI. Email. Question about Dual Fuel Lean Premix Turbines.                              | 6/3/03                  |
| IV-D                   |                            | F. Booth, Engelhard to M. Taylor, AGTI. Email. Catalysts on Distillate Oil Fired Turbines.  | 6/3/03                  |
| IV-D                   |                            | J. Geers, Cinergy Corporation to R. Wayland, EPA:ESD. Letter. Supplemental Comments Concerning the Combustion Turbine MACT Standard.                          | 6/5/03                  |

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|------------------------|----------------------------|---|-------------------------|
| IV-D                   |                            | <p>R. Karp, American Petroleum Institute to S. Roy, EPA:ESD. Email. Arctic Circle Combustion Turbines.</p> <p>Attachment:<br/>R. Karp, American Petroleum Institute to S. Roy, EPA:ESD. Letter. National Emission Standards for Hazardous Air Pollutants for Source Categories: Proposed National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines, 68 Fed. Reg. 1888 (January 14, 2003). June 6, 2003.</p> | 6/6/03                  |

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Category IV-E  
EPA Memoranda of Meetings and Telephone Conversations  
With Outside Persons

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|------------------------|----------------------------|--|-------------------------|
| IV-E-1                 |                            | S. Roy, EPA:ESD, to B. Wayland, EPA:ESD. Memorandum. EPA Meeting with Mr. Sam Clowney of El Paso Pipeline Group At EPA Campus RTP, NC on January 30, 2003.   | 1/30/03                 |
| IV-E-2                 |                            | <p>S. Roy, EPA:ESD, to B. Wayland, EPA:ESD. Memorandum. EPA Meeting with Mr. Sam Clowney of El Paso Pipeline Group at EPA Campus RTP, NC on February 14, 2003.</p> <p>Attachments:</p> <ol style="list-style-type: none"> <li>1. Presentation on draft results of DLN turbine testing.</li> <li>2. Draft Technical Report of Emissions Testing of a Solar Mars Retrofit Natural Gas-Fired Turbine. Somerset, OH. Prepared for: Coerr Environmental Corporation. Prepared by: Emission Monitoring Incorporated. February 11, 2003.</li> <li>3. Draft Technical Report of Emissions Testing of a Solar Centaur Retrofit Natural Gas-Fired Turbine. Lockport, NY. Prepared for: Coerr Environmental Corporation. Prepared by: Emission Monitoring Incorporated. February 11, 2003.</li> <li>4. Topical Report on the Investigation of Interferences with Aqueous 2,4-DNPH Based Methods for Measurement of Aldehydes in Natural Gas Combustion Exhaust. Prepared by: Radian International. September 2002. GRI-00/048.</li> </ol> | 2/14/03                 |

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|------------------------|----------------------------|---|-------------------------|
| IV-E-3                 |                            | S. Roy, EPA:ESD, to B. Wayland, EPA:ESD. Memorandum. EPA Meeting with Mr. Jeffrey LaCosse of Spectral Insights at EPA Campus RTP, NC on February 27, 2003.<br><br>Attachment:<br>Presentation given by Jeffrey LaCosse. | 2/27/03                 |



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|------------------------|----------------------------|--|-------------------------|
| IV-E-4                 |                            | <p>S. Roy, EPA:ESD, to B. Wayland, EPA:ESD. Memorandum. EPA Meeting with Mr. Sam Clowney of El Paso Pipeline Group at EPA Campus RTP, NC on March 21, 2003.</p> <p>Attachments:</p> <ol style="list-style-type: none"> <li>1. Presentation on draft results of additional DLN turbine testing.</li> <li>2. Draft Technical Report of Emissions Testing of Two Solar Taurus Lean Pre-mix Natural Gas-Fired Turbines. Richmond, Maine. Prepared for Coerr Environmental Corporation. Prepared by Emission Monitoring Incorporated. March 2003.</li> <li>3. Draft Technical Report of Emissions Testing of a GE Frame 5 Lean Pre-mix Retrofit Natural Gas-Fired Turbine. Entriken, PA. Prepared for Coerr Environmental Corporation. Prepared by Emission Monitoring Incorporated. March 18, 2003.</li> <li>4. Draft Technical Report of Emissions Testing of Solar Mars Lean Premix Natural Gas-Fired Turbine. Unit 11. Woodstock, Illinois. Prepared for Coerr Environmental Corporation. Prepared by Emission Monitoring Incorporated. March 2003.</li> <li>5. Draft Technical Report of Emissions Testing of Solar Mars Lean Premix Natural Gas-Fired Turbine. Unit 12. Woodstock, Illinois. Prepared for Coerr Environmental Corporation. Prepared by Emission Monitoring Incorporated. March 2003.</li> </ol> | 3/21/03                 |
| IV-E-5                 |                            | J. Snyder, AGTI to L. Coerr, Coerr Environmental. Telecon. Request for Formaldehyde Emission Tests on Stationary Diffusion Flame Turbines.   | 4/9/03                  |

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|------------------------|----------------------------|---|-------------------------|
| IV-E-6                 |                            | J. Snyder, AGTI to S. Vogel, NC DEHNR. Telecon. Request for Formaldehyde Emission Tests on Stationary Diffusion Flame Turbines.           | 4/9/03                  |
| IV-E-7                 |                            | J. Snyder, AGTI to J. Little, Region 4. Telecon. Request for Formaldehyde Emission Tests on Stationary Diffusion Flame Turbines.          | 4/10/03                 |
| IV-E-8                 |                            | J. Snyder, AGTI to A. Linero, FL DEP. Telecon. Request for Formaldehyde Emission Tests on Stationary Diffusion Flame Turbines.            | 4/10/03                 |
| IV-E-9                 |                            | J. Snyder, AGTI to J. Knodel, Region 7. Telecon. Request for Formaldehyde Emission Tests on Stationary Diffusion Flame Turbines.          | 4/11/03                 |
| IV-E-10                |                            | J. Snyder, AGTI to T. Guth, Sunlaw Energy Corp. Telecon. Inlet Levels of NOx for SCONox tests.  | 4/18/03                 |
| IV-E-11                |                            | J. Snyder, AGTI to D. Ozawa, GE Mostari Platt. Telecon. Request for Formaldehyde Emission Tests on Stationary Diffusion Flame Turbines.   | 4/24/03                 |
| IV-E-12                |                            | J. Snyder, AGTI to B. Shanks, American Chemistry Council. Telecon. Turbines MACT Proposal Comments on Fuel and Raw Material Curtailments. | 4/25/03                 |
| IV-E-13                |                            | J. Snyder, AGTI to W. Hunt, AZ DEQ. Telecon. Request for Formaldehyde Emission Tests on Stationary Diffusion Flame Turbines.              | 5/1/03                  |

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Category IV-E  
EPA Memoranda of Meetings and Telephone Conversations  
With Outside Persons

| <u>Document Number</u> | <u>Date Rcvd in Docket</u> | <u>Commentor, Addressee, Title or Description, etc.</u>   | <u>Date of Document</u> |
|------------------------|----------------------------|---|-------------------------|
| IV-E-14                |                            | J. Snyder, AGTI to A. Seeber, WI DEQ. Telecon. Request for Formaldehyde Emission Tests on Stationary Diffusion Flame Turbines.  | 5/1/03                  |
| IV-E-15                |                            | J. Snyder, AGTI to C. Romaine, IL DEQ. Telecon. Request for Formaldehyde Emission Tests on Stationary Diffusion Flame Turbines.   | 5/5/03                  |
| IV-E-16                |                            | J. Snyder, AGTI to M. Bennett, El Paso Energy. Telecon. Request for Formaldehyde Emission Tests on Stationary Diffusion Flame Turbines.   | 5/7/03                  |
| IV-E-17                |                            | S. Roy, EPA:ESD, to B. Wayland, EPA:ESD. Memorandum. EPA Meeting with North Slope Operators at EPA Campus RTP, NC on May 15, 2003.  | 5/15/03                 |
| IV-E-18                |                            | Memorandum. EPA Meeting with Jeff LaCosse of Spectral Insights at EPA Campus RTP, NC on May 16, 2003.<br><br>Attachment:<br>B. Spellicy, Industrial Monitoring and Control Corporation, to R. Howell, EPA:EMC. E-mail. FTIR Measurements Question. April 3, 2003. | 5/16/03                 |
| IV-E-19                |                            | Memorandum. EPA Meeting with American Chemistry Council at EPA Campus RTP, NC on May 22, 2003.  | 5/22/03                 |
| IV-E-20                |                            | J. Snyder, AGTI to J. Pavitt, Region 10. Telecon. Turbines with Oxidation Catalyst Exclusively Fired with Distillate Oil. May 30, 2003.   | 5/30/03                 |

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| IV-E-21                |                            | M. Taylor, AGTI to D. Squires, MA<br>Department of Environmental Protection,<br>Bureau of Waste Prevention. Telecon. Dual-<br>Fuel Lean Premix Turbines with Oxidation<br>Catalyst Control.   | 6/13/03                 |
| IV-E-22                |                            | S. Roy, EPA:ESD to B. Wayland, EPA:ESD.<br>Memorandum. EPA Teleconference with<br>Utility Air Regulatory Group (UARG)<br>Representatives Regarding Limited Use<br>Exclusion Issues on June 11, 2003.<br><br>Attachment:<br>Excerpts from UARG's Comments on the<br>Limited Use Exclusion Issue. Comment<br>Letter. February 28, 2003. | 6/17/03                 |
| IV-E-23                |                            | S. Roy, EPA:ESD, to B. Wayland, EPA:ESD.<br>Memorandum. EPA Meeting with El Paso<br>Pipeline Representatives Regarding Status of<br>RICE and CT NESHAP rules, RICE area<br>source rule and CT NSPS rule at EPA<br>Campus RTP, NC on July 24, 2003.  | 7/24/03                 |

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Category IV-F  
Transcripts of Hearings

| <u>Document<br/>Number</u> | <u>Date Rcvd<br/>in Docket</u> | <u>Commentor, Addressee, Title or Description,<br/>etc.</u>  | <u>Date of<br/>Document</u> |
|----------------------------|--------------------------------|--|-----------------------------|
| IV-F-1                     |                                | U.S. EPA Public Hearing on Stationary Combustion Turbines. Transcript of the Hearing. Volume 1 of 1 Pages 1-134. At RTP, North Carolina, January 29, 2003. | 1/29/03                     |

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Category IV-H  
Interagency Review Materials

| <u>Document Number</u> | <u>Date Rcvd in Docket</u> | <u>Commentor, Addressee, Title or Description, etc.</u>  | <u>Date of Document</u> |
|------------------------|----------------------------|--|-------------------------|
| IV-H-1                 |                            | <p>F. Thompson, EPA:EMC, to R. Wayland, EPA:ESD. Voluntary Consensus Standard Results for the Stationary Combustion Turbines NESHAP Final Rule.</p> <p>Attachment:<br/>List of Voluntary Consensus Standards Not Applicable to the Stationary Combustion Turbines NESHAP Final Rule.</p>   | 7/3/03                  |
| IV-H-2                 |                            | <p>S. Roy, EPA:ESD to B. Allen, OMB. OMB Wants Info.</p> <p>Attachments:<br/>           -Comment letter 515<br/>           -Comment letter 387<br/>           -Comment letter 433<br/>           -Comment letter 465 w/enclosure<br/>           -Comment letter 470<br/>           -Comment letter 483<br/>           -Comment letter 518<br/>           -Comment letter 514<br/>           -Comment letter 445<br/>           -Comment letter 489 w/attachments<br/>           -Comment letter 438<br/>           -Comment letter 412</p> <p>Attachments can be found in category IV-D of Docket No. OAR-2002-0060.</p> | 8/7/03                  |

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Category IV-J  
References Not Readily Available to the Public Elsewhere

| <u>Document Number</u> | <u>Date Rcvd in Docket</u> | <u>Commentor, Addressee, Title or Description, etc.</u>   | <u>Date of Document</u> |
|------------------------|----------------------------|---|-------------------------|
| IV-J-1                 |                            | Estimating Formaldehyde Emissions from Combustion Turbines. Prepared By: J. Sherwell, Maryland Department of Natural Resources, Power Plant Research Program (PPRP), H. Wattenbach, and D. Kowalczyk, Environmental Resources Management, Inc. (ERM), Annapolis, Maryland. Abstract Number: 975. Session Number: EI-2a. |                         |
| IV-J-2                 |                            | L. Coerr, Coerr Environmental to S. Roy, EPA:ESD. Letter. Emission Test Reports for Lean Premix Turbines Co-Funded by the Natural Gas Industry and the Gas Research Institute (GRI).  | 4/17/03                 |
| IV-J-3                 |                            | Emissions Testing of Solar Mars Lean Premix Natural Gas-Fired Turbine. Unit 12. Woodstock, IL. August 28-29, 2002. Prepared for Coerr Environmental Corporation. Prepared by Emission Monitoring Incorporated.  | 4/03                    |
| IV-J-4                 |                            | Emissions Testing of a Solar Mars Retrofit Lean Premix Natural Gas-Fired Turbine. Somerset, OH. November 14-15, 2002. Prepared for Coerr Environmental Corporation. Prepared by Emission Monitoring Incorporated.   | 4/03                    |
| IV-J-5                 |                            | Emissions Testing of a Solar Centaur Lean Premix Retrofit Natural Gas-Fired Turbine. Lockport, NY. Technical Report. November 18, 2002. Prepared for Coerr Environmental Corporation. Prepared by Emission Monitoring Incorporated.   | 4/03                    |

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| IV-J-6                 |                            | Emissions Testing of Two Solar Taurus Lean Pre-mix Natural Gas-Fired Turbines. Richmond, ME. January 9-10, 2003. Prepared for Coerr Environmental Corporation. Prepared by Emission Monitoring Incorporated.                        | 4/03                    |
| IV-J-7                 |                            | Emissions Testing of a GE FRAME 5 Lean Pre-mix Retrofit Natural Gas-Fired Turbine. Entriken, PA. Technical Report. January 13-14, 2003. Prepared for Coerr Environmental Corporation. Prepared by Emission Monitoring Incorporated. | 4/03                    |
| IV-J-8                 |                            | Emissions Testing of Solar Mars Lean Premix Natural Gas-Fired Turbine. Unit 11. Woodstock, IL. January 27-30, 2003. Prepared for Coerr Environmental Corporation. Prepared by Emission Monitoring Incorporated.                     | 4/03                    |
| IV-J-9                 |                            | Final Report for 1998 Toxic Air Contaminant Emission Tests at Crockett Cogeneration, Crockett, CA. Prepared For: Crockett Cogeneration, L.P. Prepared By: Kevin J. Crosby, The Avogadro Group.                                      | 9/2/98                  |
| IV-J-10                |                            | Source Emissions Survey of Calpine Corporation Pasadena I Power Facility Combined Cycle Gas Fired Unit Stack, Pasadena, TX. June 2000. Prepared By: METCO Environmental, Dallas, TX. File Number: 00-229.                           | 6/00                    |
| IV-J-11                |                            | Source Emissions Survey of Calpine Corporation Pasadena I Power Facility Combined Cycle Gas Fired Unit Stack, Pasadena, TX. July 2000. Prepared By: METCO Environmental, Dallas, TX. File Number: 00-262.                           | 7/00                    |



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| IV-J-12                |                            | Source Emissions Survey of Calpine Corporation Pasadena I Power Facility Combined Cycle Gas Fired Unit Stack, Pasadena, TX. September 2000. Prepared By: METCO Environmental, Addison, TX. File Number: 00-319.   | 9/00                    |
| IV-J-13                |                            | Final Report for Year 2000 Toxic Air Contaminant Emission Tests at Crockett Cogeneration, Crockett, CA. Prepared For: Crockett Cogeneration, L.P. Prepared By: Kevin J. Crosby and Dan Duncan, The Avogadro Group.  | 11/00                   |
| IV-J-14                |                            | Report on Compliance Testing, DPL Energy, Inc. Montpelier Electric Generating Station. Performed For: Power Generation Technologies.  | 7/25/01                 |
| IV-J-15                |                            | Puget Sound Energy - Fredonia. Emissions Tests of Turbine Unit 3 for Carbon Monoxide, Ammonia, Formaldehyde, Acetaldehyde, Metals, and Toxic VOCs. November 28, 2001-January 18, 2002. Prepared By: Emission Technologies, Inc., Burlington, WA. Report Number: 01-749. | 1/31/02                 |
| IV-J-16                |                            | Sumas Cogeneration, Inc., Gas Turbine Emissions Test, Sumas, Washington. April 5, 2002. Prepared For: Calpine Corporation, Sumas, WA. Prepared By: Valid Results, Inc., Seattle, WA. Report Number: STR02254.   | 6/13/02                 |
| IV-J-17                |                            | DPL Energy, LLC Tait Generating Station, Units 4-7 Emissions Tests. June 11-14, 2002. Prepared For: Environmental Systems Corporation. Prepared By: Grace Consulting, Inc., Wellington, OH.   | 7/10/02                 |

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|------------------------|----------------------------|---|-------------------------|
| IV-J-18                |                            | EPA Method 320 Emissions Test Report, Two Natural Gas Fired Turbines, Units 401 and 501, Southern California Gas Company, Wheeler Ridge Compressor Station, Mettler, California. Prepared For: Mr. Gregg Arney, Southern California Gas Company, Pico Rivera, CA. Prepared By: Spectral Insights LLC, Durham, NC. | 4/3/03                  |

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Category V-C  
Response to Comment Documents

| <u>Document Number</u> | <u>Date Rcvd in Docket</u> | <u>Commentor, Addressee, Title or Description, etc.</u>  | <u>Date of Document</u> |
|------------------------|----------------------------|--|-------------------------|
| V-C-1                  |                            | S. Roy, EPA:ESD to B. Wayland, EPA:ESD. Memorandum. Response to Public Comments on Proposed Stationary Combustion Turbines NESHAP. | 8/25/03                 |